STIC Search Report
EIC 2600

STIC Database Tracking Number: 174138

TO: Tai T Nguyen
Location: Jeff 02D51
Art Unit : 2632
Friday, December 16, 2005

Case Serial Number: 10/692260

From: Virgil O. Tyler(ASRC)
Location: EIC 2600
KNX-8B68
Phone: 571-272-8536

Virgil.Tyler@uspto.gov

Search Notes

Dear Examiner Nguyen,

Attached are the search results (from commercial databases) for your case.

Tags mark the patent/articles, which might be of interest. After you review all records including tagged and untagged records, if you wish to order the complete text of any record, please submit request(s) directly to the STIC-EIC 2600 Email Box or hand carry the request to the front desk of the respective EIC.

Please call if you have any questions or suggestions. I have enclosed a Search Results Feedback Form to facilitate further comments or suggestions. Please take a few minutes to share with us your feedback.

Thanks

Virgil O. Tyler,CLIN Assistant
Technical Information Specialist
ASRC Aerospace Corporation
EIC 2600

```
File   2:INSPEC 1898-2005/Dec W1
         (c) 2005 Institution of Electrical Engineers
File   6:NTIS 1964-2005/Dec W1
         (c) 2005 NTIS, Intl Cpyrght All Rights Res
File   8:Ei Compendex(R) 1970-2005/Dec W1
         (c) 2005 Elsevier Eng.  Info. Inc.
File  34:SciSearch(R) Cited Ref Sci 1990-2005/Dec W2
         (c) 2005 Inst for Sci Info
File  35:Dissertation Abs Online 1861-2005/Nov
         (c) 2005 ProQuest Info&Learning
File  65:Inside Conferences 1993-2005/Dec W2
         (c) 2005 BLDSC all rts. reserv.
File  94:JICST-EPlus 1985-2005/Oct W2
         (c)2005 Japan Science and Tech Corp(JST)
File  95:TEME-Technology & Management 1989-2005/Nov W1
         (c) 2005 FIZ TECHNIK
File  99:Wilson Appl. Sci & Tech Abs 1983-2005/Oct
         (c) 2005 The HW Wilson Co.
File 144:Pascal 1973-2005/Dec W1
         (c) 2005 INIST/CNRS
File 239:Mathsci 1940-2005/Jan
         (c) 2005 American Mathematical Society
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
         (c) 1998 Inst for Sci Info
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
         (c) 2002 The Gale Group
File 603:Newspaper Abstracts 1984-1988
         (c)2001 ProQuest Info&Learning
File 483:Newspaper Abs Daily 1986-2005/Dec 14
         (c) 2005 ProQuest Info&Learning
File  63:Transport Res(TRIS) 1970-2005/Nov
         (c) fmt only 2005 Dialog
File  81:MIRA - Motor Industry Research 2001-2005/Oct
          (c) 2005 MIRA Ltd.
File 266:FEDRIP 2005/Nov
        Comp & dist by NTIS, Intl Copyright All Rights Res
File 637:Journal of Commerce 1986-2005/Dec 16
         (c) 2005 Commonwealth Bus. Media

Set     Items   Description
S1      60432   NAVIGATION(3N)(SYSTEM?? OR DEVICE?? OR UNIT?? OR APPARATUS-
             ?? OR INSTRUMENT?)
S2     161979   (SPEED OR VELOCITY OR PATH OR CRUISE?? OR CRUISING OR MOVE-
             ?? OR MOVING)(3N)(INDICAT? OR CUE? OR ARROW?? OR TRIANGLE?? OR
              DISPLAY? OR (DISPLAY? OR VIEW???)(3N)(AREA?? OR PORTION OR R-
             EGION OR PART?) OR MONITOR??? OR CONTROL???? OR LINE??(3N)POL-
             YGON?)
S3   18253884   NUMBER? OR ALPHA()NUMER? OR SHAPE?? OR LINE?? OR CIRCLE?? -
            OR SQUARE?? OR CURVE?? OR TEXT?? OR SYMBOL?? OR ATTRIBUTE?? OR
             ELLIPSE?? OR OBJECT?? OR IMAGE?? OR GRAPH OR IMAGING OR PICT-
            URE?? OR PHOTO OR PHOTOS OR PHOTOGRAPH?? OR JPEG OR GIF OR LO-
            GO?? OR ICON?
S4      17957   AU=(WENGER, J? OR WENGER J? OR POSTNIKOV, A? OR POSTNIKOV -
            A? OR ANDERSON, E? OR ANDERSON E? OR ETHERINGTON, T? OR ETHER-
            INGTON T?)
S5       2417   AUTOMATIC()PILOT?
S6    3673875   VEHICLE?? OR AUTO?? OR AUTOMOBILE?? OR CAR OR TRUCK OR SUV
            OR PLANE?? OR AIRPLANE?? OR HELICOPTER?? OR JET??
S7        197   S1(3N)S2
S8         70   S7 AND S3
S9         15   S8(3N)S6
```

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S10        15   RD  (unique items)
S11        14   S10 NOT PY>2003
S12        55   S8 NOT S9
S13        52   RD  (unique items)
S14        49   S13 NOT PY>2003
S15         0   S14(3N)S6
S16        11   S14 AND S6
S17         0   S16 AND S5
S18        11   S16 NOT S11
S19         0   S14 AND S5
S20         0   S7 AND S5
S21         0   S7 AND S4
S22        33   S2 AND S4
S23        22   RD  (unique items)
S24        20   S23 NOT PY>2003
S25        20   S24 NOT (S11 OR S18)
S26         5   S25 NOT (ACOUSTIC OR RADAR OR VOTERS OR VAV OR CRYO OR VIB-
                RATION)
S27         0   S2(3N)(FOVEAL()VISION)
S28         5   (VISUAL()FOCUS()AREA?? OR FOVEAL()VISION)(3N)(S1 OR S2 OR -
                S4 OR S6)
S29         4   RD  (unique items)
S30         4   S29 NOT (S11 OR S18)
S31         0   S30 NOT (REAR OR ATR)
```

11/3,K/1 (Item 1 from file: 6)
DIALOG(R)File 6:NTIS

2192830 NTIS Accession Number: ADA386647/XAB
Fuzzy Control for Autonomous Ground Vehicles
Wit, J. S. ; Crane, C. D. ; Armstrong, D. G.
Wintec, Inc., Panama City, FL.
Corp. Source Codes: 117632000; 438397
Report No.: AFRL-ML-TY-TP-2001-0014
2000 15p
Languages: English
Journal Announcement: USGRDR0112
Prepared in cooperation with Florida Univ., Center for Intelligent Machines and Robotics, Gainesville, FL. Presented at the American Nuclear Society's International Topical Meeting on Robotics and Remote Systems (9th), 4-8 Mar 2001, Seattle, WA.
Product reproduced from digital image. Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)605-6900; and email at orders@ntis.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.
NTIS Prices: PC A03/MF A01

... The resulting technique uses two fuzzy model reference learning controllers (FMRLCs). One FMRLC controls the **vehicle linear** velocity, and the other controls the vehicle angular velocity. Both controllers are designed from parameters...
Descriptors: *Ground **vehicles** ; *Autonomous **navigation** ; Adaptive control **systems** ; Modular construction; Remote **control** ; Turning(Maneuvering); Ground **speed**

11/3,K/2 (Item 2 from file: 6)
DIALOG(R)File 6:NTIS

1272267 NTIS Accession Number: AD-A173 209/8
Dynamic Image **Interpretation for Autonomous** Vehicle **Navigation**
(Annual rept. 26 Feb 85-25 Feb 86)
Riseman, E. M. ; Hanson, A. R.
Massachusetts Univ., Amherst. Dept. of Computer and Information Science.
Corp. Source Codes: 010574066; 407701
Sponsor: Army Engineer Topographic Labs., Fort Belvoir, VA.
Report No.: ETL-0437
Sep 86 19p
Languages: English
Journal Announcement: GRAI8703
Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.
NTIS Prices: PC A02/MF A01

Dynamic Image **Interpretation for Autonomous** Vehicle **Navigation**

11/3,K/3 (Item 1 from file: 8)
DIALOG(R)File 8:Ei Compendex(R)

06639508 E.I. No: EIP03497764434
Title: Road database design for velocity profile planning
Author: Bauer, Oleg; Mayr, Robert
Corporate Source: Inst. of Control Eng. Dept. 12 University of Siegen, D-57068 Siegen, Germany
Conference Title: Proceedings of 2003 IEEE Conference on Control Applications
Conference Location: Istanbul, Turkey Conference Date: 20030623-20030625
E.I. Conference No.: 61822
Source: IEEE Conference on Control Applications - Proceedings v 2 2003. p 1356-1361 (IEEE cat n 03CH37418)
Publication Year: 2003
CODEN: ICOAE8
Language: English

Descriptors: *Database systems; Intelligent vehicle highway systems; Automotive engineering; Velocity control; Speed control; Global positioning system; **Curves** (road); **Automobile** drivers
Identifiers: Velocity profile planning; Automated **speed** adjusting; **Vehicle control ; Car navigation systems**

11/3,K/4 (Item 2 from file: 8)
DIALOG(R)File 8:Ei Compendex(R)

05786977 E.I. No: EIP01025528376
Title: Use of vehicle navigation in driver assistance systems
Author: Gallet, A.; Spigai, M.; Hamidi, M.
Corporate Source: SEGIME S.A., Paris, Fr
Conference Title: Proceedings of the IEEE Intelligent Vehicles Symposium 2000
Conference Location: Dearbon, MI, USA
Source: IEEE Intelligent Vehicles Symposium, Proceedings 2000. IEEE, Piscataway, NJ, USA,00TH8511. p 492-497
Publication Year: 2000
CODEN: 001680
Language: English

Descriptors: *Intelligent **vehicle** highway **systems** ; **Navigation** ; Global positioning **system** ; Adaptive **control** systems; **Velocity control** ; Sensor data fusion; Image sensors; Computer vision; Maps; Computer simulation

11/3,K/5 (Item 3 from file: 8)
DIALOG(R)File 8:Ei Compendex(R)

04038823 E.I. No: EIP95012516864
Title: ADVANCE-F's car-following policy on vehicle cruise and automatic speed control
Author: Chang, Amoeba T.S.
Corporate Source: Tamkang Univ, Taipei, Taiwan
Conference Title: Proceedings of the Intelligent Vehicles'94 Symposium
Conference Location: Paris, Fr Conference Date: 19941024-19941026
E.I. Conference No.: 42130
Source: Intelligent Vehicles Symposium, Proceedings 1994. IEEE,

Piscataway, NJ, USA,94TH8011. p 498-503
Publication Year: 1994
CODEN: 001680
Language: English

Abstract: This paper proposes a **linear car** -following model for the automated vehicles. Basically, when an equipped vehicle, with the equipment of...

11/3,K/6 (Item 4 from file: 8)
DIALOG(R)File 8:Ei Compendex(R)

03498229 E.I. Monthly No: EIM9210-050270
Title: Development of an autonomous on-road vehicle.
Author: Maruya, Yoshikazu; Takahashi, Hiroyuki; Kutami, Atsushi
Corporate Source: Mazda Motor Corp, Jpn
Conference Title: Proceedings of the 6th International Pacific Conference on Automotive Engingeering
Conference Location: Seoul, South Korea Conference Date: 19911028
E.I. Conference No.: 16333
Source: Proceedings of the 6th International Pacific Conference on Automotive Engingeering Proc 6 Int Pac Conf Autom Eng. Publ by Korea Soc of Automotive Engineers, Inc, 1638-3, Socho-dong, Seoul, South Korea. p 833-839
Publication Year: 1991
Language: English

Descriptors: ***VEHICLES** ; **IMAGE PROCESSING**
Identifiers: AUTONOMOUS ON-ROAD **VEHICLE** ; PREVIEW **CONTROL** ; **VEHICLE** VISUAL GUIDANCE; **MOVER** -2 **SYSTEM** ; VISUAL **NAVIGATION** ALGORITHM; AUTONOMOUS **NAVIGATION SYSTEM**

11/3,K/7 (Item 1 from file: 95)
DIALOG(R)File 95:TEME-Technology & Management

01548593 20010900028
A traffic management system based on description logics
Bechina, A; Kullmann, M; Keith, B
Univ. Karlsruhe, D; LIIA, ENSAIS, Strasbourg, F
IAR, Proc. of the 15th IAR Annual Meeting, Conf., Nancy, F, Nov 16-17, 2000 2000
Document type: Conference paper Language: English
Record type: Abstract

DESCRIPTORS: BATTERY OPERATION; AUTOMATIC GUIDED VEHICLE SYSTEMS; **VEHICLE** GUIDING; FORMAL SPECIFICATION; **NAVIGATION SYSTEMS** ; COMPUTER **CONTROL** ; TRAFFIC MANAGEMENT; **PATH** GUIDE SYSTEMS

11/3,K/8 (Item 2 from file: 95)
DIALOG(R)File 95:TEME-Technology & Management

00715519 M93104302559
Vision directed path planning, navigation and control for an autonomous mobile robot

(Bildgesteuerte Bahnplanung, Navigation und Steuerung eines autonomen mobilen Roboters)
Wong, AKC; Song Gao
Univ. of Waterloo, CDN
Mobile Robots 7, Boston, MA, USA, 18-20 Nov 19921992
Document type: Conference paper Language: English
Record type: Abstract
ISBN: 0-8194-1032-2

DESCRIPTORS: AUTONOMOUS ROBOTS; PATH CONTROL; MEASURING FEELERS; LABORATORIES; THEORETICAL MODELS; AUTOMATIC GUIDED **VEHICLE** SYSTEMS; PORTABLE INSTRUMENTS; **IMAGE** RECOGNITION; LOCATION FINDING; ADAPTIVE CONTROL; OPTICAL DATA PROCESSING; TRACKING CIRCUITS; PATH PLANNING

11/3,K/9 (Item 1 from file: 144)
DIALOG(R)File 144:Pascal

13914187 PASCAL No.: 99-0095383
An alternative approach for image - plane **control of robots**
The confluence of vision and control : Block Island, 23-27 June 1997
SEELINGER M; SKAAR S B; ROBINSON M
KRIEGMAN David J, ed; HAGER Gregory D, ed; MORSE A Stephen, ed
Department of Aerospace and Mechanical Engineering, Fitzpatrick Hall of Engineering, University of Notre Dame, Notre Dame, Indiana 46556-5637, Canada
Workshop on vision and control (Block Island RI USA) 1997-06-23
Journal: Lecture notes in control and information sciences, 1998, 237 41-65
Language: English

An alternative approach for image **-** plane **control of robots**

11/3,K/10 (Item 1 from file: 483)
DIALOG(R)File 483:Newspaper Abs Daily

07004446 SUPPLIER NUMBER: 196513431
TEST DRIVE: Range Rover HSE built for safety
DEVAULT, RUSS
Atlanta Journal - Constitution, p S.4
Sep 27, 2002
NEWSPAPER CODE: ALJC
DOCUMENT TYPE: Review; Newspaper article
LANGUAGE: English RECORD TYPE: ABSTRACT

...ABSTRACT: of $72,045, offers a variety of high-tech and safety equipment. / LINDA RATHKE / Staff **Graphic** THE SPECS > Test **vehicle** : 2003 Range Rover HSE all-wheel-drive sport-utility > Price as tested: $72,045 (base...

...sound processor, speed- sensitive volume control and Radio Data System, steering-wheel- mounted stereo and **cruise controls** , GPS satellite **navigation system** > Options on test **vehicle** : heated front and rear seats and steering wheel, $1,300; xenon headlamps, $750 > EPA figures...

11/3,K/11 (Item 1 from file: 63)
DIALOG(R)File 63:Transport Res(TRIS)

00738760 DA
TITLE: SIMULATION OF HIGHWAY TRAFFIC WITH VARIOUS DEGREES OF AUTOMATION
AUTHOR(S): Doss, E; Hanebutte, U; Vitela, J; Brown-VanHoozer, A; Ewing, T; Tentner, A
CORPORATE SOURCE: ITS America, 400 Virginia Avenue, SW, Suite 800, Washington, DC , 20024-2730,
Pag: p1
SUPPLEMENTAL NOTES: Full conference proceedings available only on CD.
PUBLICATION DATE: 19960000 PUBLICATION YEAR: 1996
LANGUAGE: English SUBFILE: HRIS (H)
ISSN: N/A
AVAILABILITY: ITS America; 400 Virginia Avenue, SW, Suite 800 ; Washington; DC ; 20024-2730
ORDER NUMBER: N/A
CONFERENCE TITLE: Intelligent Transportation: Realizing the Future. Abstracts of the Third World Congress on Intelligent Transport Systems

...DESCRIPTORS: TRAFFIC SIMULATION MODELS; HIGHWAY TRAFFIC CONTROL; AUTOMATION; EXPERT SYSTEMS; HUMAN FACTORS; GRAPHICAL USER INTERFACES; AUTONOMOUS **VEHICLE NAVIGATION** ; INTELLIGENT **VEHICLE** HIGHWAY **SYSTEMS** ; **CRUISE CONTROL** ; NEURAL NETWORKS; INTELLIGENT TRANSPORTATION SYSTEMS

11/3,K/12 (Item 2 from file: 63)
DIALOG(R)File 63:Transport Res(TRIS)

00722055 DA
TITLE: A STUDY OF SELF-RELIANT CORNERING SPEED CONTROL SYSTEM
AUTHOR(S): Tamura, K; Sekine, H
CORPORATE SOURCE: Vertis. Vehicle, Road and Traffic Intelligence Society, 2-3-18, Kudan-Minami, Chiyoda-ku, Tokyo 120, Japan
REPORT NUMBER: Volume 3
Pag: p 1163
SUPPLEMENTAL NOTES: Five volumes of papers and one volume of abstracts comprise the published set of conference materials.
PUBLICATION DATE: 19951100 PUBLICATION YEAR: 1995
LANGUAGE: English SUBFILE: HRIS (H)
ISSN: N/A
AVAILABILITY: Vertis. Vehicle, Road and Traffic Intelligence Society; 2-3-18, Kudan-Minami, Chiyoda-ku ; Tokyo; Japan
ORDER NUMBER: N/A
CONFERENCE TITLE: Steps Forward. Intelligent Transport Systems World Congress

DESCRIPTORS: HIGHWAY **CURVES** ; CORNERING; DRIVER PERCEPTION; **VEHICLE SPEED** ; **SPEED CONTROL DEVICES** ; **NAVIGATION SYSTEMS** ; ZONES; METHODOLOGY; ROUTE GUIDANCE; ALGORITHMS; INTELLIGENT TRANSPORTATION SYSTEMS; JAPAN

11/3,K/13 (Item 3 from file: 63)
DIALOG(R)File 63:Transport Res(TRIS)

00638150 DA
TITLE: VISION-BASED VEHICLE GUIDANCE
CORPORATE SOURCE: Springer-Verlag, 175 Fifth Avenue, New York, NY, 10010,
Pag: 332p
PUBLICATION DATE: 19920000 PUBLICATION YEAR: 1992
LANGUAGE: English SUBFILE: HRIS (H 9301)
ISBN: 0387975535
AVAILABILITY: Society of Automotive Engineers; 400 Commonwealth Drive
; Warrendale ; PA ; 15096
ORDER NUMBER: B-571

...ABSTRACT: preventing rear-end collisions. The publication contains 15 chapters. Topics include: Vision-based Autonomous Road **Vehicles** ; **Object** Detection Using Model-based Prediction and Motion Parallax; Visual Navigation of An Autonomous On-road...
DESCRIPTORS: VEHICLE GUIDANCE; VISION; COLLISION AVOIDANCE SYSTEMS; STEERING **CONTROL** ; AUTONOMOUS **VEHICLE NAVIGATION** ; **SPEED CONTROL DEVICES** ; ROBOTICS

11/3,K/14 (Item 1 from file: 637)
DIALOG(R)File 637:Journal of Commerce

BRIEFS
TRAFFIC WORLD (TW) - June 03, 1996
Section: TECH Page: 23
Word Count: 595

... General Motors, Delco Electronics and Motorola. It is already used in Sony's NVX-F160 **car navigation system** for **display** of digital **moving** maps, **text display** and destination information.

THOSE WHO ARE first on the scene of a chemical spill can...

18/3,K/1 (Item 1 from file: 2)
DIALOG(R)File 2:INSPEC

05858310 INSPEC Abstract Number: C9502-3310C-005
Title: The vision system for the AGROBOT project
Author(s): Buemi, F.; Magrassi, M.; Mannucci, A.; Massa, M.; Sandini, G.
Author Affiliation: Genoa Univ., Italy
p.93-8
Editor(s): Watson, D.G.; Zazueta, F.S.; Harrison, T.V.
Publisher: American Soc. Agric. Eng, St.Joseph, MI, USA
Publication Date: 1994 Country of Publication: USA xvii+918 pp.
Conference Title: Proceedings of 5th International Conference on Computers in Agriculture
Conference Date: 6-9 Feb. 1994 Conference Location: Orlando, FL, USA
Language: English
Subfile: C

...Abstract: of a robotic system for agricultural operations in greenhouses. The robot is composed of a **vehicle** carrying a 6 d.o.f. arm, a gripper/hand, a 2 d.o.f...

... some important operations such as spraying flowers and fruit, and picking ripe tomatoes. During the **navigation** phase, the vision **system controls** the **moving** direction and keeps the **vehicle** at the center of the free path, and the robot stops at each plant to...

... the stop phase, a robotic head is used to explore the plant and, after significant **objects** are identified and localized by the vision system, spraying or manipulations are made. The head...

...to point at the path during navigation or to explore the plants, looking for the **objects** to treat. The vision system is based on a VME bus architecture and on a pair of PAL video microcameras. The **images** are processed, after HSI color conversion, by a MC88110 CPU with a fast connection to the acquisition board, and a stereo algorithm is used to localize **objects** . The navigation control is performed by a stereo system which locates, tracks and measures the...
...Descriptors: **image** colour analysis...

...steréo **image** processing
...Identifiers: **image** processing...

...robotic **vehicle** ; ...

... **object** identification...

... **object** localization

18/3,K/2 (Item 2 from file: 2)
DIALOG(R)File 2:INSPEC

05347177 INSPEC Abstract Number: B9303-8520B-009, C9303-3360B-008
Title: Aerospace technology helps shape **tomorrow's cars**
Author(s): Slocum, G.K.
Author Affiliation: Transp. Sector, Hughes Aircraft Co., Los Angeles, CA, USA

Journal: Machine Design International vol.64, no.24 p.96-100
Publication Date: 10 Dec. 1992 Country of Publication: USA
ISSN: 0024-9114
Language: English
Subfile: B C

Title: Aerospace technology helps shape **tomorrow's cars**
Abstract: Aerospace technology is permeating the **automobile** industry. The article discusses developments in collision-avoidance radar, adaptive **cruise control** , night-vision **devices** , and satellite-based **navigation systems** . Smart highway technology is also discussed.
...Descriptors: **automobiles** ; ...

... **image** sensors...

...infrared **imaging** ;
Identifiers: **automobile** electronics...

18/3,K/3 (Item 1 from file: 8)
DIALOG(R)File 8:Ei Compendex(R)

04285013 E.I. No: EIP95112921390
Title: Advances in the state of the art for AUV inertial sensors and navigation systems
Author: Cox, R.; Wei, S.
Corporate Source: Litton Guidance and Control, Woodland Hills, CA, USA
Source: IEEE Journal of Oceanic Engineering v 20 n 4 Oct 1995. p 361-366
Publication Year: 1995
CODEN: IJOEDY ISSN: 0364-9059
Language: English

...Abstract: velocity, and body axis rate data are required for stabilization of such devices as laser **line** scanners and long baseline side-scan sonars. The relationship between the characteristics of these sensors...
Descriptors: *Underwater equipment; Ocean engineering; Sensors; Inertial **navigation systems** ; Oscillations; **System** stability; **Control** systems; Acoustic wave **velocity** ; Lasers; Sonar
Identifiers: Autonomous underwater **vehicles** ; Inertial sensors; Schuller oscillation; Laser **line** scanners; Baseline side scan sonars

18/3,K/4 (Item 2 from file: 8)
DIALOG(R)File 8:Ei Compendex(R)

04154691 E.I. No: EIP95052697070
Title: Divergent stereo in autonomous navigation: from bees to robots
Author: Santos-Victor, Jose; Sandini, Giulio; Curotto, Francesca; Garibaldi, Stefano
Corporate Source: Instituto de Sistemas e Robotica, Lisboa, Port
Source: International Journal of Computer Vision v 14 n 2 Mar 1995. p 159-177
Publication Year: 1995
CODEN: IJCVEC ISSN: 0920-5691
Language: English

...Abstract: over nonoverlapping areas of the visual field of two

cameras. Following this idea, a mobile **vehicle** has been equipped with a pair of cameras looking laterally (much like honeybees) and a...

...The control of the mobile robot (Robee) is based on the comparison between the apparent **image** velocity of the left and the right cameras. The solution adopted is derived from recent...

Descriptors: *Stereo vision; Mobile robots; **Navigation systems** ; Real time **systems** ; Cameras; Optical flows; **Control** systems; Sensors; **Velocity**

Identifiers: **Image** velocity; Freely flying honeybees; Divergent stereo; Autonomous navigation

18/3,K/5 (Item 3 from file: 8)

DIALOG(R)File 8:Ei Compendex(R)

04150362 E.I. No: EIP95052681292

Title: Self-coordinating mobile robots using a specialized image **processor**

Author: Martinez, A.B.; Fuertes, J.M.; Planas, R.M.

Corporate Source: Polytechnic Univ of Catalonia, Barcelona, Spain

Conference Title: Proceedings of the 20th International Conference on Industrial Electronics, Control and Instrumentation. Part 2 (of 3)

Conference Location: Bologna, Italy Conference Date: 19940905-19940909

E.I. Conference No.: 42923

Source: IECON Proceedings (Industrial Electronics Conference) v 2 1994. IEEE, Los Alamitos, CA, USA,94CH3319-1. p 1068-1071

Publication Year: 1994

CODEN: IEPREA

Language: English

Title: Self-coordinating mobile robots using a specialized image **processor**

...Abstract: mobile robot in a multiple robots environment is described. It is based on a specialized **image** processor for recognizing structured environments. The **image** processing gives the position of the own robot and the position of other robots that...

Descriptors: *Mobile robots; Computer vision; Motion planning; **Image** processing; Real time **systems** ; **Velocity** ; **Control systems** ; **Navigat ion^Comput** ; Computer simulation; Sensors

Identifiers: **Image** processors; Force field; Visual sensor; Autonomous **vehicle** guidance system; Changing environment; Self coordination

18/3,K/6 (Item 1 from file: 94)

DIALOG(R)File 94:JICST-EPlus

04526110 JICST ACCESSION NUMBER: 00A0255312 FILE SEGMENT: JICST-E

Comparative Study of Effectiveness of Maps and Turn-by-Turn Navigation Systems.

ASO TSUTOMU (1); MURAKI TOSHIHIKO (1); ITO TOSHIYUKI (2)

(1) Japan Automob. Res. Inst., Inc.; (2) Japan Automob. Manuf. Assoc., Inc.

Jidosha Kenkyu(Journal of Japan Automobile Research Institute), 2000, VOL.22,NO.2, PAGE.82-85, FIG.10, REF.3

JOURNAL NUMBER: S0734BAR ISSN NO: 0387-3803

UNIVERSAL DECIMAL CLASSIFICATION: 629.33.04/.06

LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan

DOCUMENT TYPE: Journal

ARTICLE TYPE: Original paper
MEDIA TYPE: Printed Publication

ABSTRACT: The difference in effectiveness of **navigation systems displaying** a **moving** map used in Japan and displaying an arrow for a destination recommended in Europe and America was studied. The error of route and **number** of glances were small in maps and TBT navigation systems with voice guidance. Notably, voice...
DESCRIPTORS: **car** navigation...

...passenger **car** (**automobile**); ...

... **image** processing
...BROADER DESCRIPTORS: **automobile** ;

18/3,K/7 (Item 2 from file: 94)
DIALOG(R)File 94:JICST-EPlus
(c)2005 Japan Science and Tech Corp(JST). All rts. reserv.

04070430 JICST ACCESSION NUMBER: 99A0426468 FILE SEGMENT: JICST-E
Drivetrain with ITS equipment. Toyota Motor Corp.. (Progres).
MIYAKOSHI HIRONORI (1); FURUI NOBUYUKI (1); MIYAKOSHI TSUNEO (1); NODA MASAYUKI (1); OSUGI KEIJI (2); MIYAUCHI KUNIHIRO (2)
(1) Toyota Mot. Corp.; (2) Denso
Jidosha Kogaku, 1999, VOL.48,NO.7, PAGE.154-168, FIG.19, TBL.1, REF.3
JOURNAL NUMBER: G0880AAY ISSN NO: 0388-3841
UNIVERSAL DECIMAL CLASSIFICATION: 629.33.04/.06
LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan
DOCUMENT TYPE: Journal
ARTICLE TYPE: Commentary
MEDIA TYPE: Printed Publication

...ABSTRACT: control functions applied to Toyota Progres are presented: Transmission shifting function controlled by Intelligent Transport **Systems** (ITS)-based **navigation** , and radar **cruise control** function. The former automatically controls gear shifting in automatic transmission in combination with braking control by driver in investigating forward road conditions based on road information and **car** position information from Global Positioning Systems (GPS). The latter accurately maintains proper distances between cars...
...function added on conventional cruise control function. Effectiveness of the functions is exemplified by practical **car** tests.
...DESCRIPTORS: **car** navigation
...BROADER DESCRIPTORS: **image** pickup apparatus

18/3,K/8 (Item 3 from file: 94)
DIALOG(R)File 94:JICST-EPlus
(c)2005 Japan Science and Tech Corp(JST). All rts. reserv.

01991302 JICST ACCESSION NUMBER: 93A0923262 FILE SEGMENT: JICST-E
Flight Control Law Designed with Multiple Delay Approach.
ISHIKAWA KAZUTOSHI (1); FUJII KENJI (1); MIYAZAWA YOSHIKAZU (1); KANO YASUOMI (2); SAGISAKA MASAKAZU (2)
(1) National Aerospace Lab.; (2) National Space Development Agency of Japan
Hikoki Shinpojiumu Koenshu, 1993, VOL.31st, PAGE.406-409, FIG.8, TBL.1, REF.5
JOURNAL NUMBER: Z0902AAK
UNIVERSAL DECIMAL CLASSIFICATION: 629.7.07

LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan
DOCUMENT TYPE: Conference Proceeding
ARTICLE TYPE: Short Communication
MEDIA TYPE: Printed Publication

...ABSTRACT: NASDA) plan an automatic landing flight experiment with sub-scale mode of an reentry space **vehicle** in 1995. The sub-scale model is dropped from a **helicopter** at 1500m altitude and automatically lands on a 1000m runway with an on-board **navigation** , guidance and **controll system** . The nominal **path** is deep glide path angle and high speed. This paper describes preliminary study results obtained...
...DESCRIPTORS: space **plane** ;
...BROADER DESCRIPTORS: flying **object** ;

18/3,K/9 (Item 4 from file: 94)
DIALOG(R)File 94:JICST-EPlus

01281999 JICST ACCESSION NUMBER: 91A0229008 FILE SEGMENT: JICST-E
Research and development of a newdesign superspeed ship. Techno super liner .
SUGAI KAZUO (1)
(1) Tekunosuparainagijutsukenkyukumiai
Nippon Zosen Gakkaishi(Bulletin of the Society of Naval Architects of Japan), 1991, NO.739, PAGE.2-6, FIG.2
JOURNAL NUMBER: G0174ABJ ISSN NO: 0386-1597
UNIVERSAL DECIMAL CLASSIFICATION: 629.5.011/.013
LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan
DOCUMENT TYPE: Journal
ARTICLE TYPE: Commentary
MEDIA TYPE: Printed Publication

Research and development of a newdesign superspeed ship. Techno super liner .
...ABSTRACT: using new materials.3) development of high power waterjet propulsion system, and4) a hull attitude **control system** at high-**speed navigation** .
...BROADER DESCRIPTORS: injection(**jet**);

18/3,K/10 (Item 1 from file: 144)
DIALOG(R)File 144:Pascal

16633037 PASCAL No.: 04-0283391
Moving object **prediction for off-road autonomous navigation Unmanned ground** vehicle **technology V : Orlando FL, 22-23 April 2003**
MADHAVAN R; SCHLENOFF C
GERHART Grant R, ed; SHOEMAKER Chuck M, ed; GAGE Douglas W, ed
Intelligent Systems Division, Manufacturing Engineering Laboratory, National Institute of Standards and Technology (NIST), Gaithersburg, MD 20899-8230, United States
International Society for Optical Engineering, Bellingham WA, United States
Unmanned ground vehicle technology. Conference, 5 (Orlando FL USA) 2003-04-22
Journal: SPIE proceedings series, 2003, 5083 134-145
Language: English

Moving object **prediction for off-road autonomous navigation**
Unmanned ground vehicle **technology V : Orlando FL, 22-23 April 2003**
The realization of on- and off-road autonomous navigation of Unmanned Ground **Vehicles** (UGVs) requires real-time motion planning in the presence of dynamic **objects** with unknown trajectories. To successfully plan paths and to navigate in an unstructured environment, the...

... should have the difficult and computationally intensive competency to predict the future locations of moving **objects** that could interfere with its path. This paper details the development of a combined probabilistic **object** classification and estimation theoretic framework to predict the future location of moving **objects** , along with an associated uncertainty measure. The development of a moving **object** testbed that facilitates the testing of different representations and prediction algorithms in an implementation-independent...

English Descriptors: **Navigation** ; Autonomous **system** ; **Moving** robot; Motion **control** ; Trajectory; **Moving** body; **Object** location; Path planning; Estimation; **Object** detection

18/3,K/11 (Item 1 from file: 63)
DIALOG(R)File 63:Transport Res(TRIS)

00761996 DA
TITLE: SENSOR INTEGRATION FOR ADAPTIVE VEHICLE **CONTROL***
AUTHOR(S): Savage, JT
CORPORATE SOURCE: Sterling Publishing Group Plc, 55a North Wharf Road, London W2 1XR , United Kingdom
Pag: pp 33-35
SUPPLEMENTAL NOTES: This article appears in "Intelligent Transport Systems Nineteen Ninety Nine" and was published in association with the 5th ITS World Congress, October 12-16, 1998, Seoul, Korea.
PUBLICATION DATE: 19980000 PUBLICATION YEAR: 1998
LANGUAGE: English SUBFILE: HRIS (H)
ISSN: 14645521
AVAILABILITY: Sterling Publishing Group Plc; 55a North Wharf Road ; London W2 1XR ; United Kingdom
ORDER NUMBER: N/A

TITLE: SENSOR INTEGRATION FOR ADAPTIVE VEHICLE **CONTROL***
ABSTRACT: **Vehicle** electronics and electronic control systems are an integral part of modern **vehicle** design. They include electronic engine management, **cruise control systems** and **navigation** aids as well as communication facilities. The sensor system examined is in this article is...
DESCRIPTORS: ELECTRONIC CONTROL; CONTROL SYSTEMS; SENSORS; RADAR **IMAGES** ; NAVIGATIONAL AIDS; CRUISE CONTROL

26/3,K/1 (Item 1 from file: 2)
DIALOG(R)File 2:INSPEC
(c) 2005 Institution of Electrical Engineers. All rts. reserv.

08184141 INSPEC Abstract Number: B2002-03-7630A-015
Title: Synthetic vision - the display concept of the Collins team
Author(s): Theunissen, E.; Rademaker, R.M.; **Etherington, T.J.**
Author Affiliation: Dept. of Electr. Eng., Delft Univ. of Technol., Netherlands
Conference Title: 20th DASC. 20th Digital Avionics Systems Conference (Cat. No.01CH37219) Part vol.1 p.2.C.2-1-8 vol.1
Publisher: IEEE, Piscataway, NJ, USA
Publication Date: 2001 Country of Publication: USA 2 vol.(xxv+viii+938+868) pp.
ISBN: 0 7803 7034 1 Material Identity Number: XX-2001-02392
U.S. Copyright Clearance Center Code: 0-7803-7034-1/01/$10.00
Conference Title: 20th DASC. 20th Digital Avionics Systems Conference. Proceedings
Conference Date: 14-18 Oct. 2001 Conference Location: Daytona Beach, FL, USA
Language: English
Subfile: B
Copyright 2002, IEE

Author(s): Theunissen, E.; Rademaker, R.M.; **Etherington, T.J.**
...Identifiers: perspective flight **path displays** ;

26/3,K/2 (Item 2 from file: 2)
DIALOG(R)File 2:INSPEC
(c) 2005 Institution of Electrical Engineers. All rts. reserv.

0000793129 INSPEC Abstract Number: 1966B02836
Title: Vertime
Author(s): **Anderson, E.W.**
Journal: Journal of the Institute of Navigation 18 4 p.445-451
Publication Date: Oct. 1965 Country of Publication: UK
Language: English
Subfile: B
Copyright 2004, IEE

Author(s): **Anderson, E.W.**
...Abstract: By use of existing navigational aids together with only small additions to cockpit instrumentation and **controls** , a flight **path** in the incline plane is defined which the pilot can follow from cruise altitude to...

26/3,K/3 (Item 1 from file: 65)
DIALOG(R)File 65:Inside Conferences
(c) 2005 BLDSC all rts. reserv. All rts. reserv.

04318328 INSIDE CONFERENCE ITEM ID: CN045250891
Path Intercept Functionality for Perspective Flight Path Displays
Theunissen, E.; Rademaker, R.; **Etherington, T.**
CONFERENCE: Modeling and simulation technologies; Collection of the AIAA modeling and simulation technologies-Conference
PAPERS-AMERICAN INSTITUTE OF AERONAUTICS AND ASTRONAUTICS, 2002 P: 454-464
American Institute of Aeronautics and Astronautics, 2002

ISBN: 1563475480
LANGUAGE: English DOCUMENT TYPE: Conference Papers
CONFERENCE SPONSOR: American Institute of Aeronautics and Astronautics
CONFERENCE LOCATION: Monterey, CA 2002; Aug (200208) (200208)

Path Intercept Functionality for Perspective Flight Path Displays
Theunissen, E.; Rademaker, R.; **Etherington, T.**

26/3,K/4 (Item 1 from file: 95)
DIALOG(R)File 95:TEME-Technology & Management

01175338 E98026099358
Titel russisch
(Drehzahlumschaltbare Asynchronmotoren fuer Saugzuggeblaese)
Geraskin, AG; Geraskina, NM; **Postnikov, AS**
Forsch.-Inst. SibElektroTjaschMasch, RU
Elektriceskie Stancii, v68, n8, pp76-77, 1997
Document type: journal article Language: Russian
Record type: Abstract
ISSN: 0201-4564

Geraskin, AG; Geraskina, NM; **Postnikov, AS**
DESCRIPTORS: POWER PLANTS; BLOWERS; ASYNCHRONOUS MOTORS; OPEN LOOP **SPEED CONTROL** METHOD; STATOR WINDING; POLE CHANGING; NUMBER OF POLES; RESEARCH AND DEVELOPMENT; BEHAVIOUR...

26/3,K/5 (Item 1 from file: 144)
DIALOG(R)File 144:Pascal

16350447 PASCAL No.: 03-0516523
Computer graphics in the cockpit : Information design for air transport
THEUNISSEN Erik; **ETHERINGTON Tim**
Delft University of Technology, Faculty of Information Technology and Systems, P.O. Box 5031, 2600 GA Delft, Netherlands; Rockwell Collins, Advanced Technology Center, 400 Collins Rd NE, Cedar Rapids, IA 52498, United States
Journal: Information design journal, 2002, 11 (1) 4-16
Language: English

THEUNISSEN Erik; **ETHERINGTON Tim**

...French Descriptors: graphique; Infographie; Representation tridimensionnelle; Affichage 3 dimensions; Vol; Affichage graphique; Affichage electronique; Vision synthetique; Flight **path display**

26/3,K/1 (Item 1 from file: 2)
DIALOG(R)File 2:INSPEC
(c) 2005 Institution of Electrical Engineers. All rts. reserv.

08184141 INSPEC Abstract Number: B2002-03-7630A-015
Title: Synthetic vision - the display concept of the Collins team
Author(s): Theunissen, E.; Rademaker, R.M.; **Etherington, T.J.**
Author Affiliation: Dept. of Electr. Eng., Delft Univ. of Technol., Netherlands
Conference Title: 20th DASC. 20th Digital Avionics Systems Conference (Cat. No.01CH37219) Part vol.1 p.2.C.2-1-8 vol.1
Publisher: IEEE, Piscataway, NJ, USA
Publication Date: 2001 Country of Publication: USA 2 vol.(xxv+viii+938+868) pp.
ISBN: 0 7803 7034 1 Material Identity Number: XX-2001-02392
U.S. Copyright Clearance Center Code: 0-7803-7034-1/01/$10.00
Conference Title: 20th DASC. 20th Digital Avionics Systems Conference. Proceedings
Conference Date: 14-18 Oct. 2001 Conference Location: Daytona Beach, FL, USA
Language: English
Subfile: B
Copyright 2002, IEE

Author(s): Theunissen, E.; Rademaker, R.M.; **Etherington, T.J.**
...Identifiers: perspective flight **path displays** ;

26/3,K/2 (Item 2 from file: 2)
DIALOG(R)File 2:INSPEC
(c) 2005 Institution of Electrical Engineers. All rts. reserv.

0000793129 INSPEC Abstract Number: 1966B02836
Title: Vertime
Author(s): **Anderson, E.W.**
Journal: Journal of the Institute of Navigation 18 4 p.445-451
Publication Date: Oct. 1965 Country of Publication: UK
Language: English
Subfile: B
Copyright 2004, IEE

Author(s): **Anderson, E.W.**
...Abstract: By use of existing navigational aids together with only small additions to cockpit instrumentation and **controls** , a flight **path** in the incline plane is defined which the pilot can follow from cruise altitude to...

26/3,K/3 (Item 1 from file: 65)
DIALOG(R)File 65:Inside Conferences
(c) 2005 BLDSC all rts. reserv. All rts. reserv.

04318328 INSIDE CONFERENCE ITEM ID: CN045250891
Path Intercept Functionality for Perspective Flight Path Displays
Theunissen, E.; Rademaker, R.; **Etherington, T.**
CONFERENCE: Modeling and simulation technologies; Collection of the AIAA modeling and simulation technologies-Conference
PAPERS-AMERICAN INSTITUTE OF AERONAUTICS AND ASTRONAUTICS, 2002 P: 454-464
American Institute of Aeronautics and Astronautics, 2002

ISBN: 1563475480
LANGUAGE: English DOCUMENT TYPE: Conference Papers
CONFERENCE SPONSOR: American Institute of Aeronautics and Astronautics
CONFERENCE LOCATION: Monterey, CA 2002; Aug (200208) (200208)

Path Intercept Functionality for Perspective Flight Path Displays
Theunissen, E.; Rademaker, R.; **Etherington, T.**

26/3,K/4 (Item 1 from file: 95)
DIALOG(R)File 95:TEME-Technology & Management

01175338 E98026099358
Titel russisch
(Drehzahlumschaltbare Asynchronmotoren fuer Saugzuggeblaese)
Geraskin, AG; Geraskina, NM; **Postnikov, AS**
Forsch.-Inst. SibElektroTjaschMasch, RU
Elektriceskie Stancii, v68, n8, pp76-77, 1997
Document type: journal article Language: Russian
Record type: Abstract
ISSN: 0201-4564

Geraskin, AG; Geraskina, NM; **Postnikov, AS**
DESCRIPTORS: POWER PLANTS; BLOWERS; ASYNCHRONOUS MOTORS; OPEN LOOP **SPEED CONTROL** METHOD; STATOR WINDING; POLE CHANGING; NUMBER OF POLES; RESEARCH AND DEVELOPMENT; BEHAVIOUR...

26/3,K/5 (Item 1 from file: 144)
DIALOG(R)File 144:Pascal

16350447 PASCAL No.: 03-0516523
Computer graphics in the cockpit : Information design for air transport
THEUNISSEN Erik; **ETHERINGTON Tim**
Delft University of Technology, Faculty of Information Technology and Systems, P.O. Box 5031, 2600 GA Delft, Netherlands; Rockwell Collins, Advanced Technology Center, 400 Collins Rd NE, Cedar Rapids, IA 52498, United States
Journal: Information design journal, 2002, 11 (1) 4-16
Language: English

THEUNISSEN Erik; **ETHERINGTON Tim**

...French Descriptors: graphique; Infographie; Representation tridimensionnelle; Affichage 3 dimensions; Vol; Affichage graphique; Affichage electronique; Vision synthetique; Flight **path display**

File 344:Chinese Patents Abs Aug 1985-2005/May
(c) 2005 European Patent Office
File 347:JAPIO Nov 1976-2005/Jul(Updated 051102)
(c) 2005 JPO & JAPIO
File 350:Derwent WPIX 1963-2005/UD,UM &UP=200580
(c) 2005 Thomson Derwent
File 371:French Patents 1961-2002/BOPI 200209
(c) 2002 INPI. All rts. reserv.

Set	Items	Description
S1	34679	NAVIGATION(3N)(SYSTEM?? OR DEVICE?? OR UNIT?? OR APPARATUS-?? OR INSTRUMENT?)
S2	150192	(SPEED OR VELOCITY)(3N)(INDICAT? OR CUE? OR ARROW?? OR TRI-ANGLE?? OR DISPLAY? OR (DISPLAY? OR VIEW??? OR FOVEAL()VISION-)(3N)(AREA?? OR PORTION OR REGION OR PART?) OR MONITOR??? OR -CONTROL???? OR LINE??(3N)POLYGON?)
S3	7451391	NUMBER? OR ALPHA()NUMER? OR SHAPE?? OR LINE?? OR CIRCLE?? -OR SQUARE?? OR CURVE?? OR TEXT?? OR SYMBOL?? OR ATTRIBUTE?? OR ELLIPSE?? OR OBJECT?? OR IMAGE?? OR GRAPH OR IMAGING OR PICT-URE?? OR PHOTO OR PHOTOS OR PHOTOGRAPH?? OR JPEG OR GIF OR LO-GO?? OR ICON?
S4	708	AU=(WENGER, J? OR WENGER J? OR POSTNIKOV, A? OR POSTNIKOV -A? OR ANDERSON, E? OR ANDERSON E? OR ETHERINGTON, T? OR ETHER-INGTON T?)
S5	2386078	VEHICLE?? OR AUTO?? OR AUTOMOBILE?? OR CAR OR TRUCK OR SUV OR PLANE?? OR AIRPLANE?? OR HELICOPTER?? OR JET??
S6	65	S1(3N)S2
S7	27	S6(3N)S5
S8	1	S7(3N)S3
S9	14	S7 AND IC=G01C?
S10	13	S7 NOT (S8 OR S9)
S11	0	S6 AND S4
S12	2	S4 AND IC=G01C?

8/3,K/1 **(Item 1 from file: 350)**

010375930 **Image available**
WPI Acc No: 1995-277244/199537
XRPX Acc No: N95-212075

Travel control unit for vehicle - has map information output, subject-vehicle position indicator, course setter, course travel judger for judging whether vehicle is travelling on set course and alarm activated when vehicle has deviated from set course

Patent Assignee: HONDA GIKEN KOGYO KK (HOND)
Inventor: ASANUMA N; SEKINE H

Number of Countries: 004 Number of Patents: 005
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
GB 2286697	A	19950823	GB 953022	A	19950216	199537	B
DE 19505288	A1	19950817	DE 1005288	A	19950216	199538	
GB 2286697	B	19980527	GB 953022	A	19950216	199823	
US 5742240	A	19980421	US 95389109	A	19950215	199823	
JP 3366096	B2	20030114	JP 9419586	A	19940216	200308	

Priority Applications (No Type Date): JP 9419586 A 19940216
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
GB 2286697	A		34	G08G-001/0969	
DE 19505288	A1		18	B60K-028/10	
GB 2286697	B			G08G-001/0969	
US 5742240	A		18	G09G-001/123	
JP 3366096	B2		9	G08G-001/16	Previous Publ. patent JP 7229745

...Abstract (Basic): USE/ADVANTAGE - Determining shape of road by using **navigation system** , so **control** of **vehicle speed** suitable for road **shape** may be carried out. Ensures that appropriate travel control can be carried out even when...

9/3,K/1 (Item 1 from file: 347)
DIALOG(R)File 347:JAPIO

05458800 **Image available**
ON- **VEHICLE** LIMIT **SPEED** **MONITORING** **DEVICE** AND **NAVIGATION** **SYSTEM**

PUB. NO.: 09-073600 [JP 9073600 A]
PUBLISHED: March 18, 1997 (19970318)
INVENTOR(s): HATADA HIDEAKI
APPLICANT(s): SUZUKI MOTOR CORP [000208] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 07-255553 [JP 95255553]
FILED: September 07, 1995 (19950907)

ON- **VEHICLE** LIMIT **SPEED** **MONITORING** **DEVICE** AND **NAVIGATION** **SYSTEM**

INTL CLASS: G08G-001/0969; **G01C-021/00** ; G08G-001/052; G09B-029/10

9/3,K/2 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX

016554465 **Image available**
WPI Acc No: 2004-713205/200470
XRAM Acc No: C04-251934
XRPX Acc No: N04-565594
Angular-velocity detector for navigation system of motor vehicle e.g. car, has electroconductive vibration-proof rubber to electrically connect vibrator and signal processing circuit board
Patent Assignee: NIPPONDENSO CO LTD (NPDE)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 2004279373	A	20041007	JP 200375031	A	20030319	200470	B

Priority Applications (No Type Date): JP 200375031 A 20030319
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2004279373	A		10	G01C-019/56	

Abstract (Basic):
... For detecting angular- **velocity** in operation **control** and **car** - **navigation** **system** of motor **vehicle** . Also used for camera...
International Patent Class (Main): **G01C-019/56**

9/3,K/3 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX

016271074 **Image available**
WPI Acc No: 2004-428968/200440
XRPX Acc No: N04-338953
Small-sized unit of fiber-optic angular velocity **gyroscope for attitude** control **and** navigation systems **of space** vehicles , **aircraft and ships etc**
Patent Assignee: OPTOLINK STOCK CO (OPTO-R)
Inventor: PONOMAREV V G; PRILUTSKII V E; PYLAEV YU K; RAMZAEV A P

Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
RU 2227901	C2	20040427	RU 2002116433	A	20020619	200440	B

Priority Applications (No Type Date): RU 2002116433 A 20020619
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
RU 2227901	C2			G01C-019/72	

Small-sized unit of fiber-optic angular velocity **gyroscope for attitude** control **and** navigation systems **of space** vehicles , **aircraft and ships etc**
International Patent Class (Main): **G01C-019/72**

9/3,K/4 (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX

016104673 **Image available**
WPI Acc No: 2004-262549/200425
XRPX Acc No: N04-208655
Map scroll control apparatus in e.g. vehicle mounted navigation apparatus, scrolls map image at slower speed, when distance between position of cursor and setting point is less
Patent Assignee: ALPINE KK (ALPN)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 2004085611	A	20040318	JP 2002242494	A	20020822	200425	B

Priority Applications (No Type Date): JP 2002242494 A 20020822
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2004085611	A		11	G09B-029/00	

Abstract (Basic):
... For **controlling** scrolling **speed** of map **displayed** in **navigation apparatus** (claimed) in **vehicle** , and in electronic device such as personal computer, personal digital assistant (PDA), mobile telephone...
International Patent Class (Additional): **G01C-021/00** ...

9/3,K/5 (Item 4 from file: 350)
DIALOG(R)File 350:Derwent WPIX

015182596 **Image available**
WPI Acc No: 2003-243127/200324
XRAM Acc No: C03-062829
XRPX Acc No: N03-193771
Car navigation apparatus **has** controller **to accelerate reading** speed **with respect to optical disk so that speed does not exceed marginal reading speed set up based on vibration information**
Patent Assignee: NIPPONDENSO CO LTD (NPDE)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 2003014467	A	20030115	JP 2001202178	A	20010703	200324	B

Priority Applications (No Type Date): JP 2001202178 A 20010703
Patent Details:
Patent No Kind Lan Pg Main IPC Filing Notes
JP 2003014467 A 9 G01C-021/00
Car navigation apparatus **has** controller **to accelerate reading** speed **with respect to optical disk so that speed does not exceed marginal reading speed set...**
International Patent Class (Main): **G01C-021/00**

9/3,K/6 (Item 5 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

014356770 **Image available**
WPI Acc No: 2002-177471/200223
XRPX Acc No: N02-135053
Navigation device **for** vehicle , controls **scroll** velocity **of guide map when cursor position approaches cross-points on guide route**
Patent Assignee: ALPINE KK (ALPN)
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No Kind Date Applicat No Kind Date Week
JP 2002022470 A 20020123 JP 2000207351 A 20000707 200223 B

Priority Applications (No Type Date): JP 2000207351 A 20000707
Patent Details:
Patent No Kind Lan Pg Main IPC Filing Notes
JP 2002022470 A 5 G01C-021/00
Navigation device **for** vehicle , controls **scroll** velocity **of guide map when cursor position approaches cross-points on guide route**
International Patent Class (Main): **G01C-021/00**

9/3,K/7 (Item 6 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

014077330 **Image available**
WPI Acc No: 2001-561544/200163
XRPX Acc No: N01-417653
Angular velocity sensor for navigation control in vehicle, monitors velocity dependent Coriolis force arising out of independent excitation of piezoelectric three-limb tuning fork experiencing rotation
Patent Assignee: MATSUSHITA DENKI SANGYO KK (MATU)
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No Kind Date Applicat No Kind Date Week
JP 2001215122 A 20010810 JP 200026298 A 20000203 200163 B

Priority Applications (No Type Date): JP 200026298 A 20000203
Patent Details:
Patent No Kind Lan Pg Main IPC Filing Notes
JP 2001215122 A 10 G01C-019/56

Abstract (Basic):
... Tuning fork type angular **velocity** sensor for position **control** and **navigation system** of **vehicle** , aircraft, watercraft...
International Patent Class (Main): **G01C-019/56**

9/3,K/8 (Item 7 from file: 350)
DIALOG(R)File 350:Derwent WPIX

013783236 **Image available**
WPI Acc No: 2001-267447/200128
XRPX Acc No: N01-191376

Intelligent automatic stopping and restarting of a motor vehicle engine, using signals from sensors to control stopping and starting with a controller determining whether or not vehicle is on a congested road

Patent Assignee: NISSAN MOTOR CO LTD (NSMO)
Inventor: NAKAJIMA Y; UCHIDA M
Number of Countries: 026 Number of Patents: 004
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 1077328	A1	20010221	EP 2000117015	A	20000808	200128	B
JP 2001055939	A	20010227	JP 99229670	A	19990816	200128	
EP 1077328	B1	20030319	EP 2000117015	A	20000808	200325	
DE 60001695	E	20030424	DE 601695	A	20000808	200335	
			EP 2000117015	A	20000808		

Priority Applications (No Type Date): JP 99229670 A 19990816
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 1077328	A1	E	16	F02N-011/08	
Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI					
JP 2001055939	A		11	F02D-029/02	
EP 1077328	B1	E		F02N-011/08	
Designated States (Regional): DE FR GB					
DE 60001695	E			F02N-011/08	Based on patent EP 1077328

Abstract (Basic):
... or not the vehicle is on a congested roadway using traffic information obtained through a **vehicle navigation system** or **vehicle speed** . If the **controller** determines that the **vehicle** is on a congested roadway, the controller prevents the engine from being stopped automatically.
...International Patent Class (Additional): **G01C-021/00**

9/3,K/9 (Item 8 from file: 350)
DIALOG(R)File 350:Derwent WPIX

013433671 **Image available**
WPI Acc No: 2000-605614/200058
XRPX Acc No: N00-448193

Angular velocity sensor for navigation system of vehicle, has base supported on circuit board by two rubber materials

Patent Assignee: MATSUSHITA DENKI SANGYO KK (MATU)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 2000241164	A	20000908	JP 9938356	A	19990217	200058	B

Priority Applications (No Type Date): JP 9938356 A 19990217
Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes
JP 2000241164 A 6 G01C-019/56

Abstract (Basic):
... For angular **velocity** detector for position **control** , **navigation system** of aircraft, **vehicles** .

International Patent Class (Main): **G01C-019/56**

9/3,K/10 (Item 9 from file: 350)
DIALOG(R)File 350:Derwent WPIX

012726363 **Image available**
WPI Acc No: 1999-532476/199945
XRPX Acc No: N99-395196
Curve completion point detector for vehicle speed controller - computes offset value between specific curve points, based on which offset value along vehicle progress direction is set as curve completion point
Patent Assignee: NISSAN MOTOR CO LTD (NSMO)
Number of Countries: 001 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 11230765	A	19990827	JP 9828663	A	19980210	199945	B
JP 3503461	B2	20040308	JP 9828663	A	19980210	200418	

Priority Applications (No Type Date): JP 9828663 A 19980210
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 11230765	A		7	G01C-021/00	
JP 3503461	B2		6	G01C-021/00	Previous Publ. patent JP 11230765

...Abstract (Basic): USE - For **vehicle speed controller** in **navigation apparatus** .

International Patent Class (Main): **G01C-021/00**

9/3,K/11 (Item 10 from file: 350)
DIALOG(R)File 350:Derwent WPIX

012363920 **Image available**
WPI Acc No: 1999-170027/199915
XRPX Acc No: N99-124067
Piezoelectric oscillating gyroscope for car navigation system - includes piezoelectric single crystal substrate whose orthogonal skid oscillation along Z' axis and X axis are used to detect angular velocity
Patent Assignee: NAKAMURA Y (NAKA-I)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 11023286	A	19990129	JP 97193181	A	19970703	199915	B

Priority Applications (No Type Date): JP 97193181 A 19970703
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 11023286	A		8	G01C-019/56	

...Abstract (Basic): USE - For angular **velocity** detection in position **controller , car navigation system** and manual blurring correction of VTR image...
International Patent Class (Main): **G01C-019/56**

9/3,K/12 (Item 11 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

012006281 **Image available**
WPI Acc No: 1998-423191/199836
XRPX Acc No: N98-330496
Vehicular navigation apparatus **with facility for** indicating vehicle velocity **and progress direction - displays current vehicle position corresponding to progress vehicle mark, as map display information**
Patent Assignee: NISSAN MOTOR CO LTD (NSMO)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 10176931	A	19980630	JP 96338527	A	19961218	199836	B

Priority Applications (No Type Date): JP 96338527 A 19961218
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 10176931	A		8	G01C-021/00	

Vehicular navigation apparatus **with facility for** indicating vehicle velocity **and progress direction**...
International Patent Class (Main): **G01C-021/00**

9/3,K/13 (Item 12 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

010375930 **Image available**
WPI Acc No: 1995-277244/199537
XRPX Acc No: N95-212075
Travel control unit for vehicle - has map information output, subject-vehicle position indicator, course setter, course travel judger for judging whether vehicle is travelling on set course and alarm activated when vehicle has deviated from set course
Patent Assignee: HONDA GIKEN KOGYO KK (HOND)
Inventor: ASANUMA N; SEKINE H
Number of Countries: 004 Number of Patents: 005
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
GB 2286697	A	19950823	GB 953022	A	19950216	199537	B
DE 19505288	A1	19950817	DE 1005288	A	19950216	199538	
GB 2286697	B	19980527	GB 953022	A	19950216	199823	
US 5742240	A	19980421	US 95389109	A	19950215	199823	
JP 3366096	B2	20030114	JP 9419586	A	19940216	200308	

Priority Applications (No Type Date): JP 9419586 A 19940216
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
GB 2286697	A		34	G08G-001/0969	
DE 19505288	A1		18	B60K-028/10	
GB 2286697	B			G08G-001/0969	

US 5742240 A 18 G09G-001/123
JP 3366096 B2 9 G08G-001/16 Previous Publ. patent JP 7229745

...Abstract (Basic): USE/ADVANTAGE - Determining shape of road by using **navigation system** , so **control** of **vehicle speed** suitable for road shape may be carried out. Ensures that appropriate travel control can be...
...International Patent Class (Additional): **G01C-021/00** ...

... **G01C-021/04** ...

... **G01C-021/20**

9/3,K/14 (Item 13 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

009158336 **Image available**
WPI Acc No: 1992-285773/199235
XRPX Acc No: N92-218732
Vehicle speed controller **for** vehicle **with** navigation system - **derives maximum safe cornering speed from road curvature information and can automatically reduce speed to safe level**
Patent Assignee: MAZDA MOTOR CORP (MAZD)
Inventor: FUJII Y
Number of Countries: 003 Number of Patents: 005
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
DE 4201142	A	19920820	DE 4201142	A	19920117	199235	B
US 5315295	A	19940524	US 92822285	A	19920121	199420	
DE 4245015	A1	20001130	DE 4201142	A	19920117	200064	
			DE 4245015	A	19920117		
JP 3133770	B2	20010213	JP 914590	A	19910118	200111	
DE 4201142	C2	20011129	DE 4201142	A	19920117	200173	

Priority Applications (No Type Date): JP 914590 A 19910118
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DE 4201142	A		16	B60K-031/00	
US 5315295	A		15	G08G-001/01	
DE 4245015	A1			B60K-031/00	Div ex application DE 4201142 Div ex patent DE 4201142
JP 3133770	B2		11	G08G-001/16	Previous Publ. patent JP 4236699
DE 4201142	C2			B60K-031/00	Div in patent DE 4245015

Vehicle speed controller **for** vehicle **with** navigation system -

...International Patent Class (Additional): **G01C-021/00** ...

... **G01C-021/10** ...

... **G01C-021/34**

10/3,K/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX

017234682 **Image available**
WPI Acc No: 2005-558308/200557
XRPX Acc No: N05-457720
Windshield display apparatus for vehicle mounted television includes combiner positioned between driver's seat and front passenger seat, including control film which controls reflective direction of incident light
Patent Assignee: NIPPONDENSO CO LTD (NPDE)
Inventor: YOSHIDA I
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 2005205974	A	20050804	JP 200412697	A	20040121	200557	B

Priority Applications (No Type Date): JP 200412697 A 20040121
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2005205974	A		8	B60K-035/00	

Abstract (Basic):
... For vehicle mounted television and **car navigation apparatus** . Also for **displaying vehicle speed** and warning signs...

10/3,K/2 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX

016658792 **Image available**
WPI Acc No: 2004-817511/200481
XRPX Acc No: N04-645083
Speed-change control system for vehicles , **has electronic control** unit **of** navigation system , **which selects** speed **-change** control **program and change gear ratio control program, corresponding to vehicle data stored in memory**
Patent Assignee: NIPPONDENSO CO LTD (NPDE)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 2004332887	A	20041125	JP 2003132620	A	20030512	200481	B

Priority Applications (No Type Date): JP 2003132620 A 20030512
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2004332887	A		12	F16H-061/02	

Speed-change control system for vehicles , **has electronic control** unit **of** navigation system , **which selects** speed **-change** control **program and change gear ratio control program, corresponding to vehicle data stored in memory**

10/3,K/3 (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX

016522173 **Image available**
WPI Acc No: 2004-680559/200467
XRPX Acc No: N04-539517
Track ball apparatus for electronic device **in** car navigation system , controls **direction and** speed **of rollers that contact periphery of ball, based on rotation state of ball, so that rotary shafts of rollers are mutually orthogonal**
Patent Assignee: ALPS ELECTRIC CO LTD (ALPS)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 2004259171	A	20040916	JP 200351496	A	20030227	200467	B

Priority Applications (No Type Date): JP 200351496 A 20030227
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2004259171	A		12	G06F-003/033	

Track ball apparatus for electronic device **in** car navigation system , controls **direction and** speed **of rollers that contact periphery of ball, based on rotation state of ball, so that...**

10/3,K/4 (Item 4 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

016482809 **Image available**
WPI Acc No: 2004-640752/200462
Related WPI Acc No: 2004-477157
XRPX Acc No: N04-506532
Navigation system for vehicle, includes navigation component which modifies a scale of the map display area as a function of the speed information
Patent Assignee: HINEKLEV K P (HINE-I); HORVITZ E (HORV-I); IGARASHI T (IGAR-I)
Inventor: HINEKLEV K P; HORVITZ E; IGARASHI T
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 20040160458	A1	20040819	US 99460028	A	19991213	200462	B
			US 2004774797	A	20040209		

Priority Applications (No Type Date): US 99460028 A 19991213; US 2004774797 A 20040209
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20040160458	A1		16	G09G-005/00	Div ex application US 99460028 Div ex patent US 6747680

Abstract (Basic):
... Motor **vehicle navigation system** with **speed** responsive scaled **display** .

10/3,K/5 (Item 5 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

016479950 **Image available**
WPI Acc No: 2004-637893/200462
XRPX Acc No: N04-503977
Meter system for e.g. speedometer for vehicle mounted with navigation apparatus, includes pulse transmitting path to transmit vehicle speed **pulse signal to** display device **and** navigation apparatus
Patent Assignee: CALSONIC CORP (NIRD)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 2004245690	A	20040902	JP 200335516	A	20030213	200462	B

Priority Applications (No Type Date): JP 200335516 A 20030213
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2004245690	A		6	G01P-001/07	

... **e.g. speedometer for vehicle mounted with navigation apparatus, includes pulse transmitting path to transmit** vehicle speed **pulse signal to** display device **and** navigation apparatus
Abstract (Basic):
... Improves **display** delay of **vehicle speed** information provided to **navigation apparatus** , effectively...

10/3,K/6 (Item 6 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

015479474 **Image available**
WPI Acc No: 2003-541621/200351
XRPX Acc No: N03-429535
Speed control of vehicle with hybrid drive system, employs electrical machine operating in both generating-and motoring modes
Patent Assignee: BOSCH GMBH ROBERT (BOSC); BICKENDORF F (BICK-I); FOELSCHE V (FOEL-I); HUELSER H (HUEL-I); KALLENBACH R (KALL-I)
Inventor: BICKENDORF F; FOELSCHE V; HUESLER H; KALLENBACH R; HUELSER H
Number of Countries: 027 Number of Patents: 005
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200351663	A1	20030626	WO 2002DE4516	A	20021210	200351	B
DE 10162017	A1	20030710	DE 10162017	A	20011218	200353	
US 20040129470	A1	20040708	WO 2002DE4516	A	20021210	200445	
			US 2004468540	A	20040212		
EP 1458586	A1	20040922	EP 2002794983	A	20021210	200462	
			WO 2002DE4516	A	20021210		
JP 2005512498	W	20050428	WO 2002DE4516	A	20021210	200530	
			JP 2003552565	A	20021210		

Priority Applications (No Type Date): DE 10162017 A 20011218
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200351663	A1	G	33	B60K-031/04	
	Designated States (National): JP US				
	Designated States (Regional): AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SI SK TR				
DE 10162017	A1			B60L-015/20	
US 20040129470	A1			B60K-006/00	
EP 1458586	A1	G		B60K-031/04	Based on patent WO 200351663
	Designated States (Regional): AT BE BG CH CY CZ DE DK EE ES FI FR GB GR				

IE IT LI LU MC NL PT SE SI SK TR
JP 2005512498 W 19 B60L-011/14 Based on patent WO 200351663

Abstract (Basic):
... the load, braking is regeneratively useful. The system may be coupled with e.g. a **vehicle** spacing control **system** or a satellite **navigation system** , to limit **speed** in specific locations. **Controlled** braking using engine, electrical machine and wheel brakes together, is exceptionally responsive...

10/3,K/7 (Item 7 from file: 350)
DIALOG(R)File 350:Derwent WPIX

014981032 **Image available**
WPI Acc No: 2003-041547/200303
XRPX Acc No: N03-032595
Adaptive speed control system **for** automobile **has** navigation **CD storing maximum** speed **limits with cruise** controller **applying brakes automatically**
Patent Assignee: HARMAN BECKER AUTOMOTIVE SYSTEMS BECKER (HARM-N)
Inventor: BEHRENS G; BEHRENS R; BRANDES A; LAPPE D
Number of Countries: 035 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200298695	A1	20021212	WO 2002EP6274	A	20020607	200303	B
EP 1409284	A1	20040421	EP 2002748749	A	20020607	200427	
			WO 2002EP6274	A	20020607		

Priority Applications (No Type Date): EP 2001113351 A 20010607
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200298695	A1	E	11	B60K-031/00	

Designated States (National): JP US
Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL PT SD SE SL SZ TR TZ UG ZM ZW

EP 1409284 A1 E B60K-031/00 Based on patent WO 200298695
Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

Adaptive speed control system **for** automobile **has** navigation **CD storing maximum** speed **limits with cruise** controller **applying brakes automatically**

10/3,K/8 (Item 8 from file: 350)
DIALOG(R)File 350:Derwent WPIX

014185772 **Image available**
WPI Acc No: 2002-006469/200201
XRPX Acc No: N02-005559
Vehicles controller for navigation device, sets up vehicle control commands based on present position of vehicle and road situation data
Patent Assignee: AISIN AW CO LTD (AISW)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 2001283388	A	20011012	JP 200091993	A	20000329	200201	B

Priority Applications (No Type Date): JP 200091993 A 20000329
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
JP 2001283388 A   20 G08G-001/16

Abstract (Basic):
... For **navigation device** to **control** the driving **speed** of **vehicles** along a particular guide route...

10/3,K/9 (Item 9 from file: 350)
DIALOG(R)File 350:Derwent WPIX

014120151 **Image available**
WPI Acc No: 2001-604363/200169
XRPX Acc No: N01-451115
Apparatus for controlling operation of vehicle accessory has processor operating in response to nearby terrain
Patent Assignee: ROKE MANOR RES LTD (ROKE-N)
Inventor: HAWKINS D; ROWE S P; STEIN P J; TUTTLEBEE W H W; WATERS J
Number of Countries: 001 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
GB 2353872	A	20010307	GB 9920331	A	19990828	200169	B
GB 2353872	B	20040204	GB 9920331	A	19990828	200410	

Priority Applications (No Type Date): GB 9920331 A 19990828
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
GB 2353872	A		11	B60K-031/00	
GB 2353872	B			B60K-031/00	

Abstract (Basic):
... Apparatus relates to a **vehicle** drive feature **control** apparatus, **vehicle speed** warning **apparatus** and **vehicle navigation apparatus** .

10/3,K/10 (Item 10 from file: 350)
DIALOG(R)File 350:Derwent WPIX

012992446 **Image available**
WPI Acc No: 2000-164298/200015
XRPX Acc No: N00-122814
High speed vehicle approach estimating procedure in monitoring control system, aeronautical-navigation control system such as watercraft, aircraft - involves performing detailed estimation calculation, when calculated distance of moving body for every monitoring period, is less than regulation value
Patent Assignee: NEC CORP (NIDE)
Number of Countries: 001 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 2000019249	A	20000121	JP 98183065	A	19980629	200015	B
JP 3077674	B2	20000814	JP 98183065	A	19980629	200043	

Priority Applications (No Type Date): JP 98183065 A 19980629
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2000019249	A		5	G01S-013/93	
JP 3077674	B2		5	G01S-013/93	Previous Publ. patent JP 2000019249

...Abstract (Basic): USE - For estimating approach of high **speed vehicle** in **monitoring control system** , aeronautical- **navigation** control **system** such as aircraft, watercraft...

10/3,K/11 (Item 11 from file: 350)
DIALOG(R)File 350:Derwent WPIX

012454079 **Image available**
WPI Acc No: 1999-260187/199922
Related WPI Acc No: 1999-260186; 1999-260188; 1999-260189; 1999-260190; 1999-260191; 1999-260192; 1999-260193; 1999-322621
XRPX Acc No: N99-194205
Speed control system **for motor** vehicle navigation - **compares acceleration initialization value computed after set time with normal initialization value, based on which actuator drive control is carried out**
Patent Assignee: HONDA MOTOR CO LTD (HOND); JIDOSHA DENKI KOGYO KK (JIDO-N); HONDA GIKEN KOGYO KK (HOND)
Inventor: ANDO Y; ITOH A; SEKINE T; SEN N
Number of Countries: 002 Number of Patents: 003
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 11078602	A	19990323	JP 97250667	A	19970916	199922	B
US 6138071	A	20001024	US 98154021	A	19980916	200055	
JP 3429984	B2	20030728	JP 97250667	A	19970916	200351	

Priority Applications (No Type Date): JP 97250667 A 19970916; JP 97250648 A 19970916; JP 97250687 A 19970916; JP 97250694 A 19970916; JP 97250720 A 19970916; JP 97250760 A 19970916; JP 97250794 A 19970916; JP 97250837 A 19970916; JP 97279108 A 19971013
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 11078602	A		10	B60K-031/00	
US 6138071	A			B60K-031/00	
JP 3429984	B2		10	B60K-031/00	Previous Publ. patent JP 11078602

Speed control system **for motor** vehicle navigation -

10/3,K/12 (Item 12 from file: 350)
DIALOG(R)File 350:Derwent WPIX

011385303 **Image available**
WPI Acc No: 1997-363210/199733
Related WPI Acc No: 1991-208256; 1991-208323; 1995-035841; 1995-090438; 1995-275099; 1996-425043; 1997-192326; 1997-201714; 1997-280483; 1997-332244; 1997-363209; 1997-372262; 1997-414838; 1997-525918; 1997-525920; 1997-549204; 1999-539695
XRPX Acc No: N97-302022
Autonomously navigated surface based vehicle control system - has monitoring device that monitors vehicle's status and operation of subsystems in response to commands from vehicle manager, shutdown device

shuts down vehicle in response to error condition in any of subsystem
Patent Assignee: CATERPILLAR INC (CATE)
Inventor: BRADBURY W J; CHRISTENSEN D A; GUDAT A J; KEMNER C A; KLEIMENHAGEN K W; KOEHRSEN C L; KYRTSOS C T; PETERSON J L; SCHMIDT L E; STAFFORD D E; WEINBECK L J; WHITTAKER W L
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 5646845	A	19970708	US 90487980	A	19900205	199733	B
			US 95432561	A	19950501		

Priority Applications (No Type Date): US 90487980 A 19900205; US 95432561 A 19950501
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5646845	A		125	G06F-019/00	Div ex application US 90487980

...Abstract (Basic): includes a vehicle manager for controlling the vehicle, and responsive to commands from either a **vehicle navigation system** or a remote **control** panel. A **speed control** subsystem **controls speed** of the **vehicle** in response to commands from the vehicle manager. A steering control subsystem controls steering of...

10/3,K/13 (Item 13 from file: 350)
DIALOG(R)File 350:Derwent WPIX

010917972 **Image available**
WPI Acc No: 1996-414923/199642
XRPX Acc No: N96-349262
Multi-function actuator for controls in motor vehicle, e.g. for controlling radio functions or rear-view mirror position - has two perpendicular axes to allow multiple movements of control, and has internal support for axial or rotational control knob
Patent Assignee: AUTOMOBILES CITROEN SA (CITR); AUTOMOBILES PEUGEOT (CITR)
Inventor: DEREDEC J F; HAUGOMAT G
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
FR 2731090	A1	19960830	FR 952140	A	19950223	199642	B

Priority Applications (No Type Date): FR 952140 A 19950223
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
FR 2731090	A1		12	G05G-009/053	

...Abstract (Basic): conditioning system or controlling vehicle seat position. Can also be used for entering information into **vehicle navigation system , controlling vehicle speed** or used in radio-telephone...

12/3,K/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX

015599725 **Image available**
WPI Acc No: 2003-661880/200362
XRPX Acc No: N03-528152
Flight information display system, has visual indicator sets extending with respect to interior and including number of visual indicators on either side of static reference indicators producing indication, respectively
Patent Assignee: ANDERSON E A (ANDE-I); ANDERSON N G (ANDE-I); HUFF D (HUFF-I)
Inventor: **ANDERSON E A** ; ANDERSON N G; HUFF D
Number of Countries: 001 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030127557	A1	20030710	US 2001311021	P	20010808	200362 B
			US 2002215221	A	20020807	
US 6702229	B2	20040309	US 2001311021	P	20010808	200418
			US 2002215221	A	20020807	

Priority Applications (No Type Date): US 2001311021 P 20010808; US 2002215221 A 20020807
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20030127557	A1		28	B64C-001/00	Provisional application US 2001311021
US 6702229	B2			G01C-023/00	Provisional application US 2001311021

Inventor: **ANDERSON E A** ...
...International Patent Class (Main): **G01C-023/00**

12/3,K/2 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX

012238704 **Image available**
WPI Acc No: 1999-044812/199904
XRPX Acc No: N99-032710
Aircraft altimeter for primary flight display - has altitude indicia spaced regularly about perimeter which is equal to circumference of circle of gauge face
Patent Assignee: ROCKWELL INT CORP (ROCW)
Inventor: **ETHERINGTON T**
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5844504	A	19981201	US 97898660	A	19970722	199904 B

Priority Applications (No Type Date): US 97898660 A 19970722
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5844504	A		9	G01C-023/00	

Inventor: **ETHERINGTON T**
International Patent Class (Main): **G01C-023/00**

File 348:EUROPEAN PATENTS 1978-2005/Dec W02
(c) 2005 European Patent Office
File 349:PCT FULLTEXT 1979-2005/UB=20051208,UT=20051201
(c) 2005 WIPO/Univentio

Set	Items	Description
S1	12283	NAVIGATION(3N)(SYSTEM?? OR DEVICE?? OR UNIT?? OR APPARATUS-?? OR INSTRUMENT?)
S2	68851	(SPEED OR VELOCITY)(3N)(INDICAT? OR CUE? OR ARROW?? OR TRIANGLE?? OR DISPLAY? OR (DISPLAY? OR VIEW??? OR FOVEAL()VISION-)(3N)(AREA?? OR PORTION OR REGION OR PART?) OR MONITOR??? OR -CONTROL???? OR LINE??(3N)POLYGON?)
S3	1819712	NUMBER? OR ALPHA()NUMER? OR SHAPE?? OR LINE?? OR CIRCLE?? -OR SQUARE?? OR CURVE?? OR TEXT?? OR SYMBOL?? OR ATTRIBUTE?? OR ELLIPSE?? OR OBJECT?? OR IMAGE?? OR GRAPH OR IMAGING OR PICTURE?? OR PHOTO OR PHOTOS OR PHOTOGRAPH?? OR JPEG OR GIF OR LOGO?? OR ICON?
S4	373	AU=(WENGER, J? OR WENGER J? OR POSTNIKOV, A? OR POSTNIKOV -A? OR ANDERSON, E? OR ANDERSON E? OR ETHERINGTON, T? OR ETHERINGTON T?)
S5	913034	VEHICLE?? OR AUTO?? OR AUTOMOBILE?? OR CAR OR TRUCK OR SUV OR PLANE?? OR AIRPLANE?? OR HELICOPTER?? OR JET??
S6	24	S1(3N)S2
S7	8	S6(3N)S5
S8	3	S6(3N)S3
S9	3	S8 NOT S7
S10	7	((ACTUAL OR RELATIVE)(3N)(SPEED OR VELOCITY))(3N)(ICON OR -INDICATOR?? OR CUE)(3N)S5
S11	1	S7 AND IC=G01C?
S12	13	S6 NOT (S7:S10)
S13	12	S12 NOT AD=20031023:20051216/PR

7/3,K/1 (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

01885294
Information display apparatus and method
Vorrichtung und Methode zur Anzeige von Informationen
Methode et dispositif pour l'affichage d'informations
PATENT ASSIGNEE:
FUJI JUKOGYO KABUSHIKI KAISHA, (216490), 7-2 Nishishinjuku 1-chome Shinjuku-ku, Tokyo, (JP), (Applicant designated States: all)
INVENTOR:
Tsuchiya, Hideaki, Fuji Jukogyo K.K. 1-7-2 Nishishinjuku Shinjuku, Tokyo , (JP)
Tanzawa, Tsutomu, Fuji Jukogyo K.K. 1-7-2 Nishishinjuku Shinjuku, Tokyo, (JP)
LEGAL REPRESENTATIVE:
Bohnenberger, Johannes, Dr. et al (55291), Meissner, Bolte & Partner Postfach 86 06 24, 81633 Munchen, (DE)
PATENT (CC, No, Kind, Date): EP 1524638 A1 050420 (Basic)
APPLICATION (CC, No, Date): EP 2004024625 041015;
PRIORITY (CC, No, Date): JP 2003357201 031017; JP 2003357205 031017
DESIGNATED STATES: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IT; LI; LU; MC; NL; PL; PT; RO; SE; SI; SK; TR
EXTENDED DESIGNATED STATES: AL; HR; LT; LV; MK
INTERNATIONAL PATENT CLASS: G08G-001/16
ABSTRACT WORD COUNT: 126
NOTE:
Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200516	1439
SPEC A	(English)	200516	12501
Total word count - document A			13940
Total word count - document B			0
Total word count - documents A + B			13940

...SPECIFICATION mainly arrangedby a vehicle speed sensor, a gyroscope, a GPS receiver, a map data input **unit** , and a **navigation control unit** . The **vehicle speed** sensor corresponds to a sensor for sensing a speed of a vehicle. The gyroscope detects...arranged by a vehicle speed sensor, a gyroscope, a GPS receiver, a map data input **unit** , and a **navigation control unit** . The **vehicle speed** sensor corresponds to a sensor for sensing a speed of a vehicle. The gyroscope detects...

7/3,K/2 (Item 2 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

01758335
Force-feedback input device
Eingabevorrichtung mit Kraftruckkopplungsfunktion
Dispositif d'entree avec fonction de retour de force
PATENT ASSIGNEE:
ALPS ELECTRIC CO., LTD., (2898870), 1-7 Yukigaya, Otsuka-cho, Ota-ku, Tokyo 145-8501, (JP), (Applicant designated States: all)
INVENTOR:

Hayasaka, Satoshi, c/o Alps Electric Co., Ltd. 1-7 Yukigaya-Otsuka-ch, Ota-ku, Tokyo 145-8501, (JP)
LEGAL REPRESENTATIVE:
Klunker . Schmitt-Nilson . Hirsch (101001), Winzererstrasse 106, 80797 Munchen, (DE)
PATENT (CC, No, Kind, Date): EP 1437640 A2 040714 (Basic)
APPLICATION (CC, No, Date): EP 2003028500 031212;
PRIORITY (CC, No, Date): JP 2002381705 021227
DESIGNATED STATES: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IT; LI; LU; MC; NL; PT; RO; SE; SI; SK; TR
EXTENDED DESIGNATED STATES: AL; LT; LV; MK
INTERNATIONAL PATENT CLASS: G06F-003/00; G06F-003/033
ABSTRACT WORD COUNT: 82
NOTE:
Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200429	1143
SPEC A	(English)	200429	11469
Total word count - document A			12612
Total word count - document B			0
Total word count - documents A + B			12612

...SPECIFICATION relating to the present invention could not be found in the related art.
In a **car navigation system** , the scrolling **speed** of the **display** is constant. However, the operator tends to exert excessive operating force to the lever because...

7/3,K/3 (Item 3 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

01590185
Vehicle **distance and** speed control **with** navigation system **input**
Abstandsbezogenes Fahrgeschwindigkeitsregelsystem mit navigationssystemabhangiger Eingangsgrosse
Regulateur de vitesse avec regulation de la distance entre deux vehicules utilisant un systeme de navigation
PATENT ASSIGNEE:
Hitachi, Ltd., (204151), 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101-8010, (JP), (Applicant designated States: all)
INVENTOR:
Kojima, Takao, Hitachi, Ltd., Intell.Prop.Group, New Marunouchi Bldg., 5-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8220, (JP)
Yoshikawa, Tokuji, Hitachi,Ltd., Intell.Prop.Group, New Marunouchi Bldg., 5-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8220, (JP)
Satou, Kazuhiko, Hitachi, Ltd., Intell.Prop.Group, New Marunouchi Bldg., 5-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8220, (JP)
Kuragaki, Satoru, Hitachi,Ltd., Intell.Prop.Group, New Marunouchi Bldg., 5-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8220, (JP)
Izumi, Shiho, Hitachi, Ltd., Intell.Prop.Group, New Marunouchi Bldg., 5-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8220, (JP)
Minowa, Toshimichi, Hitachi, Ltd., Intell.Prop.Gr., New Marunouchi Bldg., 5-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8220, (JP)
LEGAL REPRESENTATIVE:
Beetz & Partner Patentanwalte (100712), Steinsdorfstrasse 10, 80538 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 1318042 A2 030611 (Basic)
APPLICATION (CC, No, Date): EP 2002004314 020228;
PRIORITY (CC, No, Date): JP 2001374699 011207
DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE; TR
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
INTERNATIONAL PATENT CLASS: B60K-031/00; G05D-001/03; G01S-011/12; G08G-001/16
ABSTRACT WORD COUNT: 149
NOTE:
Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200324	1653
SPEC A	(English)	200324	9874
Total word count - document A			11527
Total word count - document B			0
Total word count - documents A + B			11527

Vehicle **distance and** speed control **with** navigation system **input**

7/3,K/4 (Item 4 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

01493328
VEHICLE TRAVEL GUIDE DEVICE AND VEHICLE TRAVEL GUIDE METHOD
FAHRZEUG-REISELEITEINRICHTUNG UND VERFAHREN ZUM LEITEN EINES FAHRZEUGS
PROCEDE ET DISPOSITIF DE GUIDAGE DE DEPLACEMENT DE VEHICULE
PATENT ASSIGNEE:
MITSUBISHI DENKI KABUSHIKI KAISHA, (208589), 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310, (JP), (Proprietor designated states: all)
INVENTOR:
UTSUMI, Koichiro, MITSUBISHI DENKI CONT. SOFT. KK., 1-2, Hamayama-dori 6-chome, Hyogo-ku, Kobe-shi, Hyogo 652-0871, (JP)
LEGAL REPRESENTATIVE:
Pfenning, Meinig & Partner (100961), Mozartstrasse 17, 80336 Munchen, (DE)
PATENT (CC, No, Kind, Date): EP 1369667 A1 031210 (Basic)
EP 1369667 B1 050601
WO 2002073133 020919
APPLICATION (CC, No, Date): EP 2001912359 010314; WO 2001JP2019 010314
DESIGNATED STATES: DE
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
INTERNATIONAL PATENT CLASS: G01C-021/34; G01C-021/36; G08G-001/0969
ABSTRACT WORD COUNT: 147
NOTE:
Figure number on first page: 004

LANGUAGE (Publication,Procedural,Application): English; English; Japanese
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200350	955
CLAIMS B	(English)	200522	960
CLAIMS B	(German)	200522	888
CLAIMS B	(French)	200522	1961
SPEC A	(English)	200350	3983
SPEC B	(English)	200522	3923

Total word count - document A 4939
Total word count - document B 7732
Total word count - documents A + B 12671

...SPECIFICATION receiver, and the route of the vehicle is navigated by successively changing the range of **display** with the traveling **speed** . Among the conventional **navigation device** for a **vehicle** and methods of navigating a vehicle, there is a device as follows. Namely, the traffic...

...SPECIFICATION receiver, and the route of the vehicle is navigated by successively changing the range of **display** with the traveling **speed** . Among the conventional **navigation devices** for a **vehicle** and methods of navigating a vehicle, there is a device as follows. Namely, the traffic...

7/3,K/5 (Item 5 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

01364943
Speed indication using navigation unit
Geschwindigkeitsanzeige mit Navigationssystem
Indicateur de vitesse utilisant un systeme de navigation
PATENT ASSIGNEE:
Howard, John Bruce, (3361690), Dovecote Cottage, Barford Hill, Barford, Warwick CV35 8BZ, (GB), (Applicant designated States: all)
INVENTOR:
Howard, John Bruce, Tilehurst, 36 High Street, Finstock, Chipping Norton, Oxfordshire OX7 3DW, (GB)
LEGAL REPRESENTATIVE:
Elsy, David et al (94121), Withers & Rogers, Goldings House, 2 Hays Lane, London SE1 2HW, (GB)
PATENT (CC, No, Kind, Date): EP 1162102 A2 011212 (Basic)
EP 1162102 A3 020130
APPLICATION (CC, No, Date): EP 2001304908 010605;
PRIORITY (CC, No, Date): GB 13676 000605; GB 17169 000712
DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE; TR
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
INTERNATIONAL PATENT CLASS: B60K-035/00; B60K-031/00; G01P-001/10; G08G-001/0967; G02B-027/01; H04B-001/00
ABSTRACT WORD COUNT: 120
NOTE:
Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200150	783
SPEC A	(English)	200150	3622

Total word count - document A 4405
Total word count - document B 0
Total word count - documents A + B 4405

...SPECIFICATION be loaded and/or upgraded due to changes in road systems. In currently available in- **car navigation systems** , the **system** can constantly **monitor speed** of the **vehicle** so as to provide information which is then used to check the position of the...map and

therefore the speed limit of the road along which it is travelling. The **navigation unit** may also **monitor** the **speed** of the **vehicle** as it is moving. The navigation unit may then compare the two sets of data...

...CLAIMS means including GPS.
3. A device according to claim 1 or 2 in which the **navigation unit** also **monitors** the **speed** of the **vehicle** .
4. A device according to claim 1 in which the map and road speed limit...

...ahead.
26. A device according to any one of the preceding claims in which the **navigation unit display** the current **speed** of the **vehicle** .
27. A device according to any one of the preceding claims in which the device...

7/3,K/6 (Item 6 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

00801994
Control system for automatic transmission with location detecting means
Steuerungseinrichtung eines Automatikgetriebes mit Mitteln zur Ortungserfassung
Systeme de regulation d'une transmission automatique avec moyens de location de position
PATENT ASSIGNEE:
AISIN AW CO., LTD., (1029610), 10, Takane Fujii-cho, Anjo-shi Aichi-ken 444-11, (JP), (applicant designated states: DE;FR;GB)
INVENTOR:
Moroto, Shuzo, 10, Takane, Fujii-cho, Anjo-shi, Aichi-ken, 444-11, (JP)
Miki, Nobuaki, 10, Takane, Fujii-cho, Anjo-shi, Aichi-ken, 444-11, (JP)
Kusafuka, Numeo, 10, Takane, Fujii-cho, Anjo-shi, Aichi-ken, 444-11, (JP)
Murase, Yoshitaka, 10, Takane, Fujii-cho, Anjo-shi, Aichi-ken, 444-11, (JP)
Yokoyama, Shoji, 2-19-12, Sotokanda, Chiyoda-ku, Tokyo-to, 101, (JP)
LEGAL REPRESENTATIVE:
VOSSIUS & PARTNER (100314), Siebertstrasse 4, 81675 Munchen, (DE)
PATENT (CC, No, Kind, Date): EP 745788 A1 961204 (Basic)
APPLICATION (CC, No, Date): EP 96108540 960529;
PRIORITY (CC, No, Date): JP 95157219 950530
DESIGNATED STATES: DE; FR; GB
INTERNATIONAL PATENT CLASS: F16H-061/02; F16H-059/66;
ABSTRACT WORD COUNT: 170

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPAB96	390
SPEC A	(English)	EPAB96	4816
Total word count - document A			5206
Total word count - document B			0
Total word count - documents A + B			5206

...SPECIFICATION of the drive line of the vehicle thereby to detect the covered distance and the **vehicle speed** .
The aforementioned **navigation control unit** 16 is connected with the GPS receiver 11 and the navigation memory 12 to control...

7/3,K/7 (Item 7 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00260900
Vehicle antenna with shiftable gain patterns.
Fahrzeugantenne mit verschiebbarem Strahlungsdiagramm.
Antenne pour vehicule a diagramme de rayonnement reglable.
PATENT ASSIGNEE:
SUMITOMO ELECTRIC INDUSTRIES LIMITED, (279010), No. 15, Kitahama 5-chome, Higashi-ku, Osaka-shi, Osaka 541, (JP), (applicant designated states: DE;FR;GB)
INVENTOR:
Shibano, Yoshizo c/o Osaka Works, Sumimoto Electric Ind. Ltd. 1-3, Shimaya 1-chome, Konohana-ku Osaka-shi Osaka, (JP)
Suzuki, Haruo c/o Osaka Works, Sumimoto Electric Ind. Ltd. 1-3, Shimaya 1-chome, Konohana-ku Osaka-shi Osaka, (JP)
Iwai, Tohru c/o Osaka Works, Sumimoto Electric Ind. Ltd. 1-3, Shimaya 1-chome, Konohana-ku Osaka-shi Osaka, (JP)
LEGAL REPRESENTATIVE:
Patentanwalte Grunecker, Kinkeldey, Stockmair & Partner (100721), Maximilianstrasse 58, D-80538 Munchen, (DE)
PATENT (CC, No, Kind, Date): EP 264056 A2 880420 (Basic)
EP 264056 A3 900321
EP 264056 B1 940413
APPLICATION (CC, No, Date): EP 87114601 871006;
PRIORITY (CC, No, Date): JP 86238298 861007
DESIGNATED STATES: DE; FR; GB
INTERNATIONAL PATENT CLASS: H01Q-001/32; H01Q-003/30; H01Q-025/00;
ABSTRACT WORD COUNT: 95

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	290
CLAIMS B	(German)	EPBBF1	256
CLAIMS B	(French)	EPBBF1	318
SPEC B	(English)	EPBBF1	3595
Total word count - document A			0
Total word count - document B			4459
Total word count - documents A + B			4459

...SPECIFICATION which is suitable as a data receiving mobile antenna in a navigation system which receives **vehicle** speed **data and** direction data **to display** the current position of the vehicle.
Background of the Invention
A so-called "navigation system...

7/3,K/8 (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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01143736 **Image available**
SYSTEM AND METHOD FOR GENERATING STEERING ANGLE AND SPEED CONTROL DATA FOR AUTOMATIC NAVIGATION VEHICLES VIA COMPENSATION OF VARIATION IN DRIVING
SYSTEME ET PROCEDE DE GENERATION DE DONNEES D'ANGLE DE BRAQUAGE ET DE COMMANDE DE LA VITESSE POUR DES VEHICULES A CONDUITE AUTOMATIQUE PAR COMPENSATION DE LA VARIATION DE LA CONDUITE
Patent Applicant/Inventor:

CHOI Yong-Kwon, 461, Cheolmok-ri, Mupung-myeon, 568-821 Muju-gun, Jeollabuk-do, KR, KR (Residence), KR (Nationality)
CHOI Yong-Jun, 461, Cheolmok-ri, Mupung-myeon, 568-821 Muju-gun, Jeollabuk-do, KR, KR (Residence), KR (Nationality)
CHOI In-Cheol, 3-201 Daenong Garden Villa, 580-16 Myeonmok 7-dong, Jungrang-gu, 131-834 Seoul, KR, KR (Residence), KR (Nationality)
Legal Representative:
JOO Ho-Jun (agent), 201 Kunam Bldg., 831-37 Yeoksam-dong, Gangnam-gu, 135-080 Seoul, KR,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200466047 A1 20040805 (WO 0466047)
Application: WO 2003KR2933 20031231 (PCT/WO KR03002933)
Priority Application: KR 1020030004788 20030124
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
JP US
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR
Publication Language: English
Filing Language: English
Fulltext Word Count: 7485

Fulltext Availability:
Detailed Description

Detailed Description
... th e invention.

Industrial Applicability
As set forth above, the invention provides a steering and **speed control system** for an automatic **navigation vehicle** .

Based upon lane information from the image pickup means, a method and system f or...

9/3,K/1 (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

00428237
Method of displaying navigation data for a vehicle in an image of the vehicle environment, a navigation system for performing the method, and a vehicle comprising a navigation system
Verfahren zur Wiedergabe von Navigationsdaten fur ein Fahrzeug in einem Umgebungsbild des Fahrzeugs, Navigationssystem zur Durchfuhrung des Verfahrens sowie Fahrzeug mit einem Navigationssystem
Procede pour reproduire des donnees de navigation pour un vehicule dans une image du voisinage du vehicule, systeme de navigation pour la mise en oeuvre de ce procede et vehicule muni d'un systeme de navigation
PATENT ASSIGNEE:
Koninklijke Philips Electronics N.V., (200769), Groenewoudseweg 1, 5621 BA Eindhoven, (NL), (Proprietor designated states: all)
INVENTOR:
de Jong, Durk Jan, c/o INT. OCTROOIBUREAU B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven, (NL)
LEGAL REPRESENTATIVE:
Groenendaal, Antonius Wilhelmus Maria et al (59381), INTERNATIONAAL OCTROOIBUREAU B.V., Prof. Holstlaan 6, 5656 AA Eindhoven, (NL)
PATENT (CC, No, Kind, Date): EP 406946 A1 910109 (Basic)
EP 406946 B1 940907
EP 406946 B2 010718
APPLICATION (CC, No, Date): EP 90201711 900628;
PRIORITY (CC, No, Date): NL 891695 890704
DESIGNATED STATES: DE; FR; GB; IT; SE
INTERNATIONAL PATENT CLASS: G01C-021/20
ABSTRACT WORD COUNT: 42

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF1	326
CLAIMS B	(English)	200129	397
CLAIMS B	(German)	200129	336
CLAIMS B	(French)	200129	486
SPEC A	(English)	EPABF1	2100
SPEC B	(English)	200129	1438
Total word count - document A			2426
Total word count - document B			2657
Total word count - documents A + B			5083

...SPECIFICATION the superposition of an indication signal formed from the navigation data, this signal overlaps the **image** on the display **unit** . The **navigation** data **indicates** , for example the **speed** or the remaining fuel reserve, but may also consist of one or more indication such...

9/3,K/2 (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

01109996 **Image available**
IMAGE DISPLAY SYSTEM
SYSTEME AFFICHEUR D'IMAGE

Patent Applicant/Assignee:
PIXIA CORP, 21025 Stanford Square, Suite 401, Sterling, VA 20166, US, US (Residence), US (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
ERNST Rudolf O, 800 Lake Park Drive, Union Hall, VA 24176, US, US (Residence), CH (Nationality), (Designated only for: US)
LUI Pun Sing, RM 1903 Harbor Centre, Hong Kong, HK, CN (Residence), CN (Nationality), (Designated only for: US)
Legal Representative:
MOORE Steven (agent), 1600 Tysons Boulevard, McLean, VA 22102, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200432107 A2-A3 20040415 (WO 0432107)
Application: WO 2003US30639 20030930 (PCT/WO US03030639)
Priority Application: US 2002263930 20021003
Parent Application/Grant:
Related by Continuation to: US 2002263930 20021003 (CIP)
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 11233

Fulltext Availability:
Detailed Description

English Abstract
...image data is stored on the disk drive in a file format optimized for high **speed** retrieval, **display** , and seamless **navigation** . The **image** display **system** can be cascaded for showing two or more contiguous images on multiple displays.

Detailed Description
... image data is stored on the disk drive in a file format optimized for high **speed** retrieval, **display** , and seamless **navigation** . The **image** display **system** can be cascaded for showing two or more contiguous images on a single or on...

9/3,K/3 (Item 2 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2005 WIPO/Univentio. All rts. reserv.

00993757 **Image available**
IMAGE DISPLAY SYSTEM
SYSTEME D'AFFICHAGE D'IMAGES
Patent Applicant/Assignee:
PIXIA CORP, 21025 Stanford Square, Suite 401, Sterling, Va 20166, US, US (Residence), US (Nationality)
Inventor(s):
ERNST Rudolf O, 800 Lake Park Drive, Union Hall, VA 24176, US,
LUI Pun Sing, RM 1903 Harbour Centre, 25 Harbour Road, Hong Kong, CN, CN,

Legal Representative:
JAKOBSEN James (agent), 1600 Tysons Boulevard, McLean, VA 22102, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200323757 A1 20030320 (WO 0323757)
Application: WO 2002US29210 20020912 (PCT/WO US0229210)
Priority Application: US 2001322011 20010913
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI
SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 11068

Fulltext Availability:
Detailed Description

English Abstract
...image data is stored on the disk drive in a file format optimized for high **speed** retrieval, **display** , and seamless **navigation** . The **image** display **system** can be cascaded for showing two or more contiguous images (Fig.15).

Detailed Description
... image data is stored on the disk drive in a file forinat optimized for high **speed** retrieval, **display** , and seamless **navigation** . The **image** display **system** can be cascaded for showing two or more contiguous images.

[000471 The term "display" means..

10/3,K/1 (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

01900308
Close/intra-formation positioning collision avoidance system and method
System und Verfahren zur Kollisionsvermeidung mittels einer internen Positionierung im geschlossener Formation
Systeme et procede de prevention des collisions au moyen d'un positionnement interne au sein d'une formation serree.
PATENT ASSIGNEE:
L-3 Communications Corporation, (3312751), 19810 N. 7th Avenue, Phoenix, Arizona 85027-4400, (US), (Applicant designated States: all)
INVENTOR:
Frazier, James A., Jr., 7215 Cardiff Avenue N.E., Albuquerque, NM 87109, (US)
Jongsma, Kenneth R., 8315 Manuel Cia Couri N. E., Albuquerque, NM 87122, (US)
Sturdy, JamesT., 4612 Bermuda N. F., Albuquerque, NM 87111, (US)
LEGAL REPRESENTATIVE:
Parry, Simon James (91691), Forrester & Boehmert, Pettenkoferstrasse 20-22, 80336 Munchen, (DE)
PATENT (CC, No, Kind, Date): EP 1531340 A1 050518 (Basic)
APPLICATION (CC, No, Date): EP 2005000618 991209;
PRIORITY (CC, No, Date): US 223533 981230
DESIGNATED STATES: DE; ES; FR; GB; IT
RELATED PARENT NUMBER(S) - PN (AN):
EP 1145040 (EP 99963063)
INTERNATIONAL PATENT CLASS: G01S-013/93
ABSTRACT WORD COUNT: 118
NOTE:
Figure number on first page: 3

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200520	695
SPEC A	(English)	200520	9858
Total word count - document A			10553
Total word count - document B			0
Total word count - documents A + B			10553

...SPECIFICATION display headed toward the twelve o'clock position. The number (-05) on top of the **airplane icon** 680 represents the **relative velocity** (650, 652, 654) in, for example, nmi/hr and the number below the targets (e...

10/3,K/2 (Item 2 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

01188208
TCAS SYSTEM FOR INTRA-FORMATION CONTROL
TCAS SYSTEM ZUR KONTROLLE EINER FLUGZEUGFORMATION
SYSTEME TCAS DE COMMANDE INTRA-FORMATION
PATENT ASSIGNEE:
HONEYWELL INC., (246050), Honeywell Plaza, Minneapolis Minnesota 55408, (US), (Proprietor designated states: all)
INVENTOR:

FRAZIER, James, A., Jr., 7216 Cardiff Avenue NE, Albuquerque, NM 87109, (US)
STURDY, James, T., 4612 Bermuda NE, Albuquerque, NM 87111, (US)
JONGSMA, Kenneth, R., 8315 Manuel Cia Court, NE, Albuquerque, NM 87122, (US)
LEGAL REPRESENTATIVE:
Haley, Stephen (79721), Gill Jennings & Every, Broadgate House, 7 Eldon Street, London EC2M 7LH, (GB)
PATENT (CC, No, Kind, Date): EP 1147506 A1 011024 (Basic)
EP 1147506 B1 030910
WO 2000041154 000713
APPLICATION (CC, No, Date): EP 99966509 991220; WO 99US30459 991220
PRIORITY (CC, No, Date): US 223339 981230
DESIGNATED STATES (Pub A): AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE; (Pub B): BE; DE; FR; GB; SE
INTERNATIONAL PATENT CLASS: G08G-005/04
NOTE:
No A-document published by EPO
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200337	719
CLAIMS B	(German)	200337	647
CLAIMS B	(French)	200337	855
SPEC B	(English)	200337	8776
Total word count - document A			0
Total word count - document B			10997
Total word count - documents A + B			10997

...SPECIFICATION display headed toward the twelve o'clock position. The number (-05) on top of the **airplane icon** 680 represents the **relative velocity** (650, 652, 654) in, for example, nmi/hr and the number below the targets (e...

10/3,K/3 (Item 3 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

01027729
AN INDICATING DEVICE, SPECIALLY IN A VEHICLE
ANZEIGEGERAT FUR EIN KRAFTFAHRZEUG
DISPOSITIF INDICATEUR POUR VEHICULE AUTOMOBILE
PATENT ASSIGNEE:
AB VOLVO, (237214), , 405 08 Goteborg, (SE), (Proprietor designated states: all)
INVENTOR:
ADELSSON, Per, Nordenskioldsgatan 25, S-413 09 Goteborg, (SE)
WENDEBERG, Staffan, Andalen 36 B, S-423 38 Torslanda, (SE)
BOTLING, Fredrik, Sodra Viktoriagatan 35, S-411 30 Goteborg, (SE)
LEGAL REPRESENTATIVE:
Hammond, Andrew David et al (74673), Valea AB Lindholmspiren 5, 417 56 Gothenburg, (SE)
PATENT (CC, No, Kind, Date): EP 1017968 A2 000712 (Basic)
EP 1017968 B1 050511
WO 1999008075 990218
APPLICATION (CC, No, Date): EP 98939035 980811; WO 98SE1461 980811
PRIORITY (CC, No, Date): SE 972915 970811
DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE
INTERNATIONAL PATENT CLASS: G01D-011/28; G01D-013/20; G01P-001/08

NOTE:
No A-document published by EPO
LANGUAGE (Publication,Procedural,Application): English; English; Swedish
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200519	361
CLAIMS B	(German)	200519	357
CLAIMS B	(French)	200519	380
SPEC B	(English)	200519	1188
Total word count - document A			0
Total word count - document B			2286
Total word count - documents A + B			2286

...SPECIFICATION is displayed for the driver by means of turned on LEDs 14 corresponding to the **relative speed** at the same time as the **indicator** 13 shows the **actual speed** of the **vehicle** . Fig. 1 illustrates an embodiment of this application. The indicator 13 shows about 85 km...

10/3,K/4 (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

01296298 **Image available**
CONTROL SYSTEM FOR VEHICLES
SYSTEME DE COMMANDE POUR VEHICULES
Patent Applicant/Assignee:
BELL HELICOPTER TEXTRON INC, P.O. Box 482, Fort Worth, TX 76101, US, US (Residence), US (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
BUILTA Kenneth E, 1500 Woodridge Circle, Euless, TX 76040, US, US (Residence), US (Nationality), (Designated only for: US)
HARRIS James E, 2707 Whisperwood Trail, Dalworthington Gardens, TX 76016, US, US (Residence), US (Nationality), (Designated only for: US)
HONZA Bryan P, 4126 Harvestwood Drive, Grapevine, TX 76051, US, US (Residence), US (Nationality), (Designated only for: US)
EPP Jeffrey W, 309 Blue Quail Court, Bedford, TX 76021, US, US (Residence), US (Nationality), (Designated only for: US)
SCHULTE Kynn J, 1808 Kingsborough Drive, Arlington, TX 76015, US, US (Residence), US (Nationality), (Designated only for: US)
Legal Representative:
WALTON James E (agent), Law Offices of James E. Walton, P.L.L.C., 1169 N. Burleson Boulevard, Suite 107-328, Burleson, TX 76028, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 2005103939 A1 20051103 (WO 05103939)
Application: WO 2004US9080 20040325 (PCT/WO US04009080)
Priority Application: WO 2004US9080 20040325
Designated States:
(All protection types applied unless otherwise stated - for applications 2004+)
AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English

Filing Language: English
Fulltext Word Count: 6267

Fulltext Availability:
Claims
Claim
... an aircraft relative to a
moving vehicle, comprising:
a moving-vehicle icon representing the moving **vehicle** ;
a velocity-vector **icon** representing the **actual** **velocity** of the
aircraft **relative** to
the moving **vehicle** ;
a commanded- **relative** - **velocity** **icon** representing a selected
velocity of the
aircraft **relative** to the moving **vehicle** ;
wherein the velocity of the aircraft relative to the moving vehicle may
be selectively controlled...

...relative-velocity icon. - 19

28 The graphical display according to claim 26, further comprising:
a **relative** - **velocity** -magnitude **icon** representing the **velocity** of
the aircraft **relative** to the moving **vehicle** .

29 The graphical display according to claim 28, wherein the
relative-velocitymagnitude icon is a...

10/3,K/5 (Item 2 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00577781 **Image available**
TCAS DISPLAY AND SYSTEM FOR INTRA-FORMATION CONTROL WITH VERTICAL SPEED INDICATOR
AFFICHEUR POUR SYSTEME TCAS ET SYSTEME DE COMMANDE INTRA-FORMATION A INDICATEUR DE VITESSE VERTICALE
Patent Applicant/Assignee:
HONEYWELL INC,
Inventor(s):
FRAZIER James A Jr,
STURDY James T,
JONGSMA Kenneth R,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200041154 A1 20000713 (WO 0041154)
Application: WO 99US30459 19991220 (PCT/WO US9930459)
Priority Application: US 98223339 19981230
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE
GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK
MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU
ZA ZW GH GM KE LS MW SD SL SZ TZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE
CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN
GW ML MR NE SN TD TG
Publication Language: English
Fulltext Word Count: 11542

Fulltext Availability:

Detailed Description

Detailed Description
... display headed toward the twelve o'clock position. The number (-05) on top of the **airplane icon** 680 represents the **relative velocity** (650, 652, 654) in, for example, nmi/hr and the number below the targets (e...

10/3,K/6 (Item 3 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2005 WIPO/Univentio. All rts. reserv.

00577627 **Image available**
CLOSE/INTRA-FORMATION POSITIONING COLLISION AVOIDANCE SYSTEM AND METHOD
SYSTEME ET PROCEDE DESTINES A EVITER DES COLLISIONS DANS LE POSITIONNEMENT D'UNE FORMATION SERREE A L'INTERIEUR D'UNE ZONE
Patent Applicant/Assignee:
HONEYWELL INC,
Inventor(s):
FRAZIER James A Jr,
JONGSMA Kenneth R,
STURDY James T,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200041000 A1 20000713 (WO 0041000)
Application: WO 99US29322 19991209 (PCT/WO US9929322)
Priority Application: US 98223533 19981230
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE
GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK
MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU
ZA ZW GH GM KE LS MW SD SL SZ TZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE
CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN
GW ML MR NE SN TD TG
Publication Language: English
Fulltext Word Count: 11163

Fulltext Availability:
Detailed Description

Detailed Description
... display headed toward the twelve o'clock position. The number (-05) on top of the **airplane icon** 680 represents the **relative velocity** (650, 652, 654) in, for example, runi/hr and the number below the targets (e...

10/3,K/7 (Item 4 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2005 WIPO/Univentio. All rts. reserv.

00476723 **Image available**
AN INDICATING DEVICE, SPECIALLY IN A VEHICLE
DISPOSITIF INDICATEUR POUR VEHICULE AUTOMOBILE
Patent Applicant/Assignee:
AB VOLVO,
ADELSSON Per,
WENDEBERG Staffan,

BOTLING Fredrik,
Inventor(s):
ADELSSON Per,
WENDEBERG Staffan,
BOTLING Fredrik,
Patent and Priority Information (Country, Number, Date):
Patent: WO 9908075 A2 19990218
Application: WO 98SE1461 19980811 (PCT/WO SE9801461)
Priority Application: SE 972915 19970811
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AU BR CA JP KR US AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
Publication Language: English
Fulltext Word Count: 1448

Fulltext Availability:
Detailed Description

Detailed Description
... is displayed for the driver by means of turned on LEDs 14 corresponding to the **relative speed** at the same time as the **indicator** 13 shows the **actual speed** of the **vehicle** . Fig. 1 illustrates an embodiment of this application. The indicator 13 shows about 85 km...

11/3,K/1 (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

01493328
VEHICLE TRAVEL GUIDE DEVICE AND VEHICLE TRAVEL GUIDE METHOD
FAHRZEUG-REISELEITEINRICHTUNG UND VERFAHREN ZUM LEITEN EINES FAHRZEUGS
PROCEDE ET DISPOSITIF DE GUIDAGE DE DEPLACEMENT DE VEHICULE
PATENT ASSIGNEE:
MITSUBISHI DENKI KABUSHIKI KAISHA, (208589), 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310, (JP), (Proprietor designated states: all)
INVENTOR:
UTSUMI, Koichiro, MITSUBISHI DENKI CONT. SOFT. KK., 1-2, Hamayama-dori 6-chome, Hyogo-ku, Kobe-shi, Hyogo 652-0871, (JP)
LEGAL REPRESENTATIVE:
Pfenning, Meinig & Partner (100961), Mozartstrasse 17, 80336 Munchen, (DE)
PATENT (CC, No, Kind, Date): EP 1369667 A1 031210 (Basic)
EP 1369667 B1 050601
WO 2002073133 020919
APPLICATION (CC, No, Date): EP 2001912359 010314; WO 2001JP2019 010314
DESIGNATED STATES: DE
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
INTERNATIONAL PATENT CLASS: **G01C-021/34** ; **G01C-021/36** ; G08G-001/0969
ABSTRACT WORD COUNT: 147
NOTE:
Figure number on first page: 004

LANGUAGE (Publication,Procedural,Application): English; English; Japanese
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200350	955
CLAIMS B	(English)	200522	960
CLAIMS B	(German)	200522	888
CLAIMS B	(French)	200522	1961
SPEC A	(English)	200350	3983
SPEC B	(English)	200522	3923
Total word count - document A			4939
Total word count - document B			7732
Total word count - documents A + B			12671

INTERNATIONAL PATENT CLASS: **G01C-021/34** ...

... **G01C-021/36**

...SPECIFICATION receiver, and the route of the vehicle is navigated by successively changing the range of **display** with the traveling **speed** . Among the conventional **navigation device** for a **vehicle** and methods of navigating a vehicle, there is a device as follows. Namely, the traffic...

...SPECIFICATION receiver, and the route of the vehicle is navigated by successively changing the range of **display** with the traveling **speed** . Among the conventional **navigation devices** for a **vehicle** and methods of navigating a vehicle, there is a device as follows. Namely, the traffic...

13/3,K/1 (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

01382070
INTUITIVE VEHICLE AND MACHINE CONTROL
INTUITIVES FAHRZEUG UND MASCHINENSTEUERUNG
COMMANDE INTUITIVE DE VEHICULE ET DE MACHINE
PATENT ASSIGNEE:
The Boeing Company, (4850801), Corporate Headquarters M/C 5003-1001, 100 North Riverside, Chicago, Illinois 60606-1596, (US), (Proprietor designated states: all)
INVENTOR:
Karem, Abraham E., 29312 Wood Canyon Road, Silverado, CA 92676, (US)
LEGAL REPRESENTATIVE:
Huntingford, David Ian et al (32161), W.P. THOMPSON & CO. Coopers Building Church Street, Liverpool L1 3AB, (GB)
PATENT (CC, No, Kind, Date): EP 1307797 A2 030507 (Basic)
EP 1307797 B1 050921
WO 2001088648 011122
APPLICATION (CC, No, Date): EP 2001939107 010517; WO 2001US16062 010517
PRIORITY (CC, No, Date): US 205007 P 000517
DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE; TR
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
INTERNATIONAL PATENT CLASS: G05D-001/00
NOTE:
No A-document published by EPO
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200538	855
CLAIMS B	(German)	200538	884
CLAIMS B	(French)	200538	929
SPEC B	(English)	200538	10590
Total word count - document A			0
Total word count - document B			13258
Total word count - documents A + B			13258

...SPECIFICATION a rotorcraft being equipped with FMS 102 which includes Inertial Navigation System with Global Positioning **System** (INS/GPS) type **navigation** . The " **Velocity** Vector" **control** provided by the control unit is all relative to earth GPS coordinates. All rotorcraft corrections...

13/3,K/2 (Item 2 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

01288754
Method and apparatus for optimizing a control system for a unit device integrated in a machine assembly
Verfahren und Gerat zur Optimierung eines Steuerungssystems fur eine in einem Maschinenaggregat integriert Einheit
Procede et appareil pour l'optimisation d'un systeme de commande pour une di-unite integree a un ensemble de machine
PATENT ASSIGNEE:
YAMAHA HATSUDOKI KABUSHIKI KAISHA, (299990), 2500 Shingai, Iwata-shi

Shizuoka-ken, (JP), (Applicant designated States: all)
SANSHIN KOGYO KABUSHIKI KAISHA, (863290), 1400 Nippashi-cho,
Hamamatsu-shi, Shizuoka-ken, (JP), (Applicant designated States: all)
INVENTOR:
Kaji, Hirotaka, c/o Yamaha Hatsudoki K.K., 2500 Shingai,
Iwata-shi,Shizuoka-ken, (JP)
Yamaguchi, Masashi, c/o Yamaha Hatsudoki K.K., 2500 Shingai,
Iwata-shi,Shizuoka-ken, (JP)
Harada, Hiroshi, c/o Sanshin Kogyo K. K., 1400 Nippashi-cho,
Hamamatsu-shi, Shizuoka-ken, (JP)
Matsushita, Yukio, c/o Sanshin Kogyo K. K., 1400 Nippashi-cho,
Hamamatsu-shi, Shizuoka-ken, (JP)
LEGAL REPRESENTATIVE:
Grunecker, Kinkeldey, Stockmair & Schwanhausser Anwaltssozietat (100721)
, Maximilianstrasse 58, 80538 Munchen, (DE)
PATENT (CC, No, Kind, Date): EP 1107077 A2 010613 (Basic)
EP 1107077 A9 011121
EP 1107077 A3 040128
APPLICATION (CC, No, Date): EP 2000126296 001201;
PRIORITY (CC, No, Date): JP 99342261 991201
DESIGNATED STATES: DE; FR; GB; IT
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
INTERNATIONAL PATENT CLASS: G05B-013/02
ABSTRACT WORD COUNT: 57
NOTE:
Figure number on first page: NONE

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200124	1618
SPEC A	(English)	200124	7992
Total word count - document A			9610
Total word count - document B			0
Total word count - documents A + B			9610

...SPECIFICATION 508.
The "standardized coefficients" mean coefficients that adjust amount of input and output information.

1. **Control** by a Constant **Speed Navigation Control Unit**
The boat operation fuzzy control module employs a simplified inference method as a fuzzy inference...

...corresponding standard coefficient S6 and S7, respectively. The autonomous evolutionary process unit in the constant **speed navigation control unit** uses a genetic algorithm, and encodes the standardized coefficients of the boat operation fuzzy control...

...evaluation in evolutionary process is called interactive evaluation herein. The evolutionary process in the constant- **speed navigation control unit** will be explained below.
Figure 8 is a flowchart illustrating evolutionary process by a constant-speed **navigation control unit** . The constant **speed navigation control unit** , in doing evolutionary process, performs an autonomous evaluation by the autonomous evolutionary process unit and... intake of air and posture of a hull are controlled to realize constant speed navigation **control** . The constant **speed navigation control unit** determines, based on the predetermined input information, an opening of the electronic throttle valve and...

13/3,K/3 (Item 3 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

00951062
VEHICLE CONTROL DEVICE
KONTROLLVERFAHREN FUR FAHRZEUG
DISPOSITIF DE REGULATION DE VEHICULE
PATENT ASSIGNEE:
EQUOS RESEARCH CO. LTD., (1890071), 19-2, Sotokanda 2-chome, Chiyoda-ku, Tokyo 101, (JP), (Proprietor designated states: all)
INVENTOR:
ARUGA, Hideki, Equos Research Co., Ltd. 19-12, Sotokanda 2-chome, Chiyoda-ku Tokyo 101, (JP)
SHIRAI, Hisanori, Equos Research Co., Ltd. 19-12, Sotokanda 2-chome, Chiyoda-ku Tokyo 101, (JP)
LEGAL REPRESENTATIVE:
VOSSIUS & PARTNER (100314), Siebertstrasse 4, 81675 Munchen, (DE)
PATENT (CC, No, Kind, Date): EP 869300 A1 981007 (Basic)
EP 869300 B1 040225
WO 1998019083 980507
APPLICATION (CC, No, Date): EP 97909641 971027; WO 97JP3887 971027
PRIORITY (CC, No, Date): JP 96301273 961025; JP 96307295 961102; JP 96311342 961106
DESIGNATED STATES: DE; FR; GB
INTERNATIONAL PATENT CLASS: F16H-061/16; F16H-059/66
ABSTRACT WORD COUNT: 115
NOTE:
Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; Japanese
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	199841	2044
CLAIMS B	(English)	200409	1278
CLAIMS B	(German)	200409	1100
CLAIMS B	(French)	200409	1560
SPEC A	(English)	199841	12902
SPEC B	(English)	200409	11195
Total word count - document A			14949
Total word count - document B			15133
Total word count - documents A + B			30082

...SPECIFICATION a slot opening degree sensor, a vehicle speed sensor, a selecting lever switch and a **navigation device** . The speed change **control** device comprises a **speed** change **control** part, a memory, a flat road speed-change-map, an upward slope speed-change-map...road information in the navigation system as follows.

FIRST EMBODIMENT
The contents of the transmission **speed control** conducted by **navigation** processing **unit** 11 and A/T ECU 40 in this embodiment will be described in reference to...

13/3,K/4 (Item 4 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

00752622
Device for aiding piloting of an aircraft, when landing
Einrichtung zur Steuerungshilfe eines Flugzeugs wahrend der Landung
Dispositif d'aide au pilotage, en phase d'aterrissage, d'un aeronef
PATENT ASSIGNEE:
THOMSON-CSF SEXTANT, (240879), Aerodrome de Villacoublay, Zone Aeronautique Louis Breguet, 78141 Velizy Villacoublay, (FR), (Proprietor designated states: all)
INVENTOR:
Coirier, Philippe, Thomson-CSF, SCPI, B.P. 329, F-92402 Courbevoie Cedex, (FR)
Goujon, Alain, Thomson-CSF, SCPI, B.P. 329, F-92402 Courbevoie Cedex, (FR)
Parus, Roger, Thomson-CSF, SCPI, B.P. 329, F-92402 Courbevoie Cedex, (FR)
LEGAL REPRESENTATIVE:
Beylot, Jacques et al (13982), Thomson-CSF Propriete Intellectuelle, 13, Avenue du President Salvador Allende, 94117 Arcueil Cedex, (FR)
PATENT (CC, No, Kind, Date): EP 708395 A1 960424 (Basic)
EP 708395 B1 991124
APPLICATION (CC, No, Date): EP 95402296 951013;
PRIORITY (CC, No, Date): FR 9412410 941018
DESIGNATED STATES: BE; CH; DE; ES; FR; GB; IT; LI; NL; SE
INTERNATIONAL PATENT CLASS: G05D-001/06
TRANSLATED ABSTRACT WORD COUNT: 128
ABSTRACT WORD COUNT: 130
NOTE:
Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): French; French; French
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9947	211
CLAIMS B	(German)	9947	176
CLAIMS B	(French)	9947	209
SPEC B	(French)	9947	1044
Total word count - document A			0
Total word count - document B			1640
Total word count - documents A + B			1640

...ABSTRACT pilot of aircraft landing in poor visibility
The aid system is used with the aircraft **navigation system** (10) which provides **indications** of ground **speed** and altitude of the aircraft. A load sensor (16) detects the contact of the wheels...

...ABSTRACT pilot of aircraft landing in poor visibility
The aid system is used with the aircraft **navigation system** (10) which provides **indications** of ground **speed** and altitude of the aircraft. A load sensor (16) detects the contact of the wheels...

13/3,K/5 (Item 5 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

00266135
Navigational apparatus and methods for displaying aircraft position with respect to a selected vertical flight path profile.
Navigationsvorrichtung und Verfahren zur Anzeige der Flugkorperposition bezuglich eines gewahlten vertikalen Flugwegprofils.

Procede et dispositif de navigation pour la representation de la position d'un avion par rapport au profil de vol vertical.

PATENT ASSIGNEE:
THE BOEING COMPANY, (306671), P.O. Box 3707 Mail Stop 7E-25, Seattle Washington 98124, (US), (applicant designated states: DE;FR;GB;IT;NL)

INVENTOR:
King, Ethmer Wesley, 141 S. 294th Place, Federal WAy, WA 98003, (US)
Yotsuuye, David Sadao, 1626 Pierce Avenue. S.E., Renton, WA 98058, (US)
Kircher, Robert Charles, Jr., 1150 Sunset Blvd. N.E. Apt. No. 116 P.O. Box 2104, Renton, WA 98056, (US)
Radfar, Mohammed Reza, 8222 N.E. 126th Apt. No. C-32, Kirkland, WA 98033, (US)

LEGAL REPRESENTATIVE:
Hoijtink, Reinoud et al (20151), OCTROOIBUREAU ARNOLD & SIEDSMA Sweelinckplein 1, NL-2517 GK Den Haag, (NL)

PATENT (CC, No, Kind, Date): EP 257702 A2 880302 (Basic)
EP 257702 A3 890607
EP 257702 B1 920624

APPLICATION (CC, No, Date): EP 87201550 870814;
PRIORITY (CC, No, Date): US 902417 860829
DESIGNATED STATES: DE; FR; GB; IT; NL
INTERNATIONAL PATENT CLASS: G01C-005/00;
ABSTRACT WORD COUNT: 115

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	1119
CLAIMS B	(German)	EPBBF1	1178
CLAIMS B	(French)	EPBBF1	1286
SPEC B	(English)	EPBBF1	9898
Total word count - document A			0
Total word count - document B			13481
Total word count - documents A + B			13481

...SPECIFICATION in which on a CRT the movement of an airplane in three dimensions and its **speed** **is** shown.
US -A-3,705,306 relates to an aircraft navigation system in which a vertical profile...

13/3,K/6 (Item 6 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

00221847
Mobile vehicle controller utilization of delayed absolute position data for guidance and navigation.
Regler fur ein ferngesteuertes Fahrzeug unter Verwendung der verzogerten absoluten Positionsdaten fur Lenkung und Navigation.
Controleur pour un vehicule mobile utilisant les dates absolues retardees de position pour le guidage et la navigation.

PATENT ASSIGNEE:
TEXAS INSTRUMENTS INCORPORATED, (279070), 13500 North Central Expressway, Dallas Texas 75265, (US), (applicant designated states: BE;DE;FR;GB;IT;SE)

INVENTOR:
Wand, Martin A., 1133 Meandering Way, Garland, TX 75040, (US)
Christian, Donald J., 1222 Dumont Street, Richardson, TX 75080, (US)
Woodall, Joe D., 2409 Poppy Lane, Euless, TX 76039, (US)

Williston, John P., 4533 Eldorado Drive, Plano, TX 75075, (US)
Rice, Jay H., 13100 Pandora, No. 104, Dallas, TX 75238, (US)
Summerville, David F., 3002 Glenbrook Drive, Garland, TX 75401, (US)
LEGAL REPRESENTATIVE:
Abbott, David John et al (27491), Abel & Imray Northumberland House 303-306 High Holborn, London, WC1V 7LH, (GB)
PATENT (CC, No, Kind, Date): EP 213939 A2 870311 (Basic)
EP 213939 A3 881005
EP 213939 B1 920812
APPLICATION (CC, No, Date): EP 86306677 860829;
PRIORITY (CC, No, Date): US 771329 850830; US 771431 850830; US 771432 850830; US 771443 850830; US 772280 850830
DESIGNATED STATES: BE; DE; FR; GB; IT; SE
INTERNATIONAL PATENT CLASS: G05D-001/03;
ABSTRACT WORD COUNT: 98

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	694
CLAIMS B	(German)	EPBBF1	640
CLAIMS B	(French)	EPBBF1	800
SPEC B	(English)	EPBBF1	19850
Total word count - document A			0
Total word count - document B			21984
Total word count - documents A + B			21984

...SPECIFICATION direction of rotation that predetermined member of the plurality of wheels make with the mobile **apparatus** means for **controlling** the **speed** of rotation of the plurality of wheels. The dead reckoning procedure determines means distance traversed...

13/3,K/7 (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

01107839 **Image available**
METHOD AND APPARATUS FOR CONTROLLING A SURGICAL BURR IN THE PERFORMANCE OF AN ORTHOPAEDIC PROCEDURE
PROCEDE ET DISPOSITIF POUR COMMANDER UNE FRAISE CHIRURGICALE DANS LE CADRE DE LA MISE EN OEUVRE D'UNE PROCEDURE ORTHOPEDIQUE
Patent Applicant/Assignee:
DEPUY PRODUCTS INC, 700 Orthopaedic Drive, Warsaw, IN 46581, US, US (Residence), US (Nationality)
Inventor(s):
HELDRETH Mark A, 7140 N 900 E, Mentone, IN 46539, US,
Legal Representative:
BAUER Shawn D (agent), Barnes & Thornburg, 11 South Meridian Street, Indianapolis, IN 46204, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200428343 A2-A3 20040408 (WO 0428343)
Application: WO 2003US29996 20030924 (PCT/WO US03029996)
Priority Application: US 2002413692 20020926
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD
SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 4180

Fulltext Availability:
Detailed Description

Detailed Description
... in the performance of an orthopaedic surgical procedure. The system couples a computer aided surgical **navigation system** to the **speed control** of a surgical burr.

As such, the position of the surgical burr may be tracked...
...DRAWINGS
The present disclosure relates to a control system for coupling a computer aided surgical **navigation system** to the **speed control** of a surgical burr. To do so, the position of the surgical burr is tracked ...

13/3,K/8 (Item 2 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2005 WIPO/Univentio. All rts. reserv.

01040815 **Image available**
CAB SIGNAL QUALITY DETECTING AND REPORTING SYSTEM AND METHOD
SYSTEME ET PROCEDE DESTINES A DETECTER ET A RAPPORTER LA QUALITE DES SIGNAUX DE CABINE
Patent Applicant/Assignee:
GENERAL ELECTRIC COMPANY, 1 River Road, Schenectady, NY 12345, US, US (Residence), US (Nationality)
Inventor(s):
JOHNSON John Hayward, 2429 North East Quail Walk Trail, Blue Springs, MO 64014, US,
Legal Representative:
HAYDEN Scott (et al) (agent), Patent Counsel, General Electric Company, 3135 Easton Turnpike (W3C), Fairfield, CT 06828, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200370536 A1 20030828 (WO 0370536)
Application: WO 2003US582 20030109 (PCT/WO US0300582)
Priority Application: US 2002357619 20020215
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 9118

Fulltext Availability:
Detailed Description

Detailed Description
... I
systems within the railway operations system 200. For example, these may include a rail **navigation system** 208, a **speed monitoring** and enforcement systern 210, or a braking control system 212.

Fig. 3 illustrates one embodiment...

13/3,K/9 (Item 3 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00964887 **Image available**
ADAPTIVE SPEED CONTROL SYSTEM COMPRISING A SPEED PILOT FOR AUTOMOBILES
SYSTEME DE REGULATION ADAPTATIVE DE LA VITESSE COMPRENANT UN PILOTE DE VITESSE POUR AUTOMOBILES
Patent Applicant/Assignee:
HARMAN BECKER AUTOMOTIVE SYSTEMS (BECKER DIVISION)GMBH, Im Stockmadle 1asse 135, 76307 Karlsbad, DE, DE (Residence), DE (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
BEHRENS Ralph, Neue Strasse 14, 31174 Schellerten, DE, DE (Residence), DE (Nationality), (Designated only for: US)
BRANDES Axel, Lerchenkamp 36, 31246 Lahstedt OT. Adenstedt, DE, DE (Residence), DE (Nationality), (Designated only for: US)
LAPPE Dirk, Schilling-v.-Canstatt Str. 10A, 76228 Karlsruhe, DE, DE (Residence), DE (Nationality), (Designated only for: US)
BEHRENS Grit, Neue Strasse 14, 31174 Schellerten, DE, DE (Residence), DE (Nationality), (Designated only for: US)
Legal Representative:
WESTPHAL MUSSGNUG & PARTNER (agent), Waldstrasse 33, 78048 Villingen-Schwenningen, DE,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200298695 A1 20021212 (WO 0298695)
Application: WO 2002EP6274 20020607 (PCT/WO EP0206274)
Priority Application: EP 2001113351 20010607
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
JP US
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
Publication Language: English
Filing Language: English
Fulltext Word Count: 2302

Fulltext Availability:
Claims

Claim
... a cruise controller that allows for the driver's command or activity to override the **navigation system** command.

8 Adaptive **speed control** system according to

13/3,K/10 (Item 4 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00855004 **Image available**
INTUITIVE VEHICLE AND MACHINE CONTROL
COMMANDE INTUITIVE DE VEHICULE ET DE MACHINE
Patent Applicant/Inventor:
KAREM Abraham E, 29312 Wood Canyon Road, Silverado, CA 92676, US, US (Residence), US (Nationality)
Legal Representative:
MARANTIDIS Constantine (agent), Christie, Parker & Hale, Post Office Box 7068, Pasadena, CA 91109-7068, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200188648 A2-A3 20011122 (WO 0188648)
Application: WO 2001US16062 20010517 (PCT/WO US0116062)
Priority Application: US 2000205007 20000517
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS
LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ
TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 10702

Fulltext Availability:
Detailed Description

Detailed Description
... a rotorcraft being equipped with FMS 102
which includes Inertial Navigation System with Global Positioning **System** (INS/GPS) type **navigation** . The ' **Velocity** Vector' **control** provided by the control unit is all relative to earth GPS coordinates. All rotorcraft corrections...

13/3,K/11 (Item 5 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00841379 **Image available**
STANDOFF MOUNTING FOR AIR DATA SENSING PROBES ON A HELICOPTER
MONTAGE DE SECURITE POUR SONDES DE DONNEES AERODYNAMIQUES EMBARQUEES DANS UN HELICOPTERE
Patent Applicant/Assignee:
ROSEMOUNT AEROSPACE INC, 14300 Judicial Road, Burnsville, MN 55306, US, US (Residence), US (Nationality)
Inventor(s):
BACHINSKI Thomas J, 19059 Orchard Trail, Lakeville, MN 55044, US,
GOLLY Timothy T, 9409 178th West, Lakeville, MN 55044, US,
SYRING Robert G Jr, 4117 Kipling, Edina, MN 55416, US,
PETRI Ronald J, 16240 Fishing Way, Rosemount, MN 55068, US,
CONLEY Douglas G, 11635 52nd Avenue North, Plymouth, MN 55442, US,

Legal Representative:
WESTMAN Nickolas E (et al) (agent), Westman, Champlin & Kelly, P.A., International Centre, Suite 1600, 900 Second Avenue South, Minneapolis, MN 55402-3319, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200174663 A1 20011011 (WO 0174663)
Application: WO 2001US10054 20010329 (PCT/WO US0110054)
Priority Application: US 2000540142 20000331
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 3462

Fulltext Availability:
Detailed Description

Detailed Description
... of the lateral movement.

The system also can be tied in with global positioning satellite **navigation** (GPS) **systems** . GPS **systems** have difficulty accurately **indicating** slow **speed** , and corrections or **indications** from probe 26 can be used with a GPS receiver for more accuracy by using...

13/3,K/12 (Item 6 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2005 WIPO/Univentio. All rts. reserv.

00752031 **Image available**
ADVANCED SHIP AUTOPILOT SYSTEM
SYSTEME PILOTAGE AUTOMATIQUE AMELIORE POUR NAVIRE
Patent Applicant/Assignee:
CANADIAN SPACE AGENCY, 6767 route de l'Aeroport, Saint-Hubert, Quebec J3Y 8Y9, CA, CA (Residence), CA (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
EL-TAHAN Mona, 18 Wedgeport Road, St. John's, Newfoundland A1A 5A3, CA, CA (Residence), CA (Nationality), (Designated only for: US)
EL-TAHAN Hussein, 18 Wedgeport Road, St. John's, Newfoundland A1A 5A3, CA , CA (Residence), CA (Nationality), (Designated only for: US)
TUER Kevin, 243 Woods Street, Stratford, Ontario N5A 7T4, CA, CA (Residence), CA (Nationality), (Designated only for: US)
ROSSI Mauro, Apartment 5, 328 Regina Street North, Waterloo, Ontario N2J 3B7, CA, CA (Residence), CA (Nationality), (Designated only for: US)
Legal Representative:
FREEDMAN Gordon, Freedman & Associates, 117 Centrepoint Drive, Suite 350, Nepean, Ontario K2G 5X3, CA
Patent and Priority Information (Country, Number, Date):
Patent: WO 200065417 A1 20001102 (WO 0065417)

Application: WO 2000CA448 20000420 (PCT/WO CA0000448)
Priority Application: US 99130528 19990423
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE CA GB NO US
Publication Language: English
Filing Language: English
Fulltext Word Count: 13019

Fulltext Availability:
Claims

Claim
... 2 wherein the controller is capable of track-keeping, course-keeping, position-keeping, stabilisation, berthing, **speed control** .

18 A **navigation** control **system** comprising:
a correlation processor for determining according to a non-linear correlation a set of...

File 9:Business & Industry(R) Jul/1994-2005/Dec 15
(c) 2005 The Gale Group
File 15:ABI/Inform(R) 1971-2005/Dec 16
(c) 2005 ProQuest Info&Learning
File 16:Gale Group PROMT(R) 1990-2005/Dec 16
(c) 2005 The Gale Group
File 20:Dialog Global Reporter 1997-2005/Dec 16
(c) 2005 Dialog
File 47:Gale Group Magazine DB(TM) 1959-2005/Dec 16
(c) 2005 The Gale group
File 75:TGG Management Contents(R) 86-2005/Dec W2
(c) 2005 The Gale Group
File 80:TGG Aerospace/Def.Mkts(R) 1982-2005/Dec 16
(c) 2005 The Gale Group
File 88:Gale Group Business A.R.T.S. 1976-2005/Dec 16
(c) 2005 The Gale Group
File 98:General Sci Abs/Full-Text 1984-2004/Dec
(c) 2005 The HW Wilson Co.
File 112:UBM Industry News 1998-2004/Jan 27
(c) 2004 United Business Media
File 141:Readers Guide 1983-2004/Dec
(c) 2005 The HW Wilson Co
File 148:Gale Group Trade & Industry DB 1976-2005/Dec 16
(c)2005 The Gale Group
File 160:Gale Group PROMT(R) 1972-1989
(c) 1999 The Gale Group
File 275:Gale Group Computer DB(TM) 1983-2005/Dec 16
(c) 2005 The Gale Group
File 264:DIALOG Defense Newsletters 1989-2005/Dec 15
(c) 2005 Dialog
File 484:Periodical Abs Plustext 1986-2005/Dec W2
(c) 2005 ProQuest
File 553:Wilson Bus. Abs. FullText 1982-2004/Dec
(c) 2005 The HW Wilson Co
File 570:Gale Group MARS(R) 1984-2005/Dec 16
(c) 2005 The Gale Group
File 608:KR/T Bus.News. 1992-2005/Dec 16
(c)2005 Knight Ridder/Tribune Bus News
File 620:EIU:Viewswire 2005/Oct 19
(c) 2005 Economist Intelligence Unit
File 613:PR Newswire 1999-2005/Dec 14
(c) 2005 PR Newswire Association Inc
File 621:Gale Group New Prod.Annou.(R) 1985-2005/Dec 16
(c) 2005 The Gale Group
File 623:Business Week 1985-2005/Dec 15
(c) 2005 The McGraw-Hill Companies Inc
File 624:McGraw-Hill Publications 1985-2005/Dec 16
(c) 2005 McGraw-Hill Co. Inc
File 634:San Jose Mercury Jun 1985-2005/Dec 15
(c) 2005 San Jose Mercury News
File 635:Business Dateline(R) 1985-2005/Dec 16
(c) 2005 ProQuest Info&Learning
File 636:Gale Group Newsletter DB(TM) 1987-2005/Dec 16
(c) 2005 The Gale Group
File 647:CMP Computer Fulltext 1988-2005/Dec W2
(c) 2005 CMP Media, LLC
File 696:DIALOG Telecom. Newsletters 1995-2005/Dec 16
(c) 2005 Dialog
File 674:Computer News Fulltext 1989-2005/Oct W2
(c) 2005 IDG Communications
File 810:Business Wire 1986-1999/Feb 28

(c) 1999 Business Wire
File 813:PR Newswire 1987-1999/Apr 30
(c) 1999 PR Newswire Association Inc
File 587:Jane`s Defense&Aerospace 2005/Dec W2
(c) 2005 Jane`s Information Group

Set	Items	Description
S1	158153	NAVIGATION(3N)(SYSTEM?? OR DEVICE?? OR UNIT?? OR APPARATUS?? OR INSTRUMENT?)
S2	115747	(SPEED OR VELOCITY)(3N)(INDICAT? OR CUE? OR ARROW?? OR TRIANGLE?? OR DISPLAY? OR (DISPLAY? OR VIEW??? OR FOVEAL()VISION)(3N)(AREA?? OR PORTION OR REGION OR PART?) OR MONITOR??? OR CONTROL???? OR LINE??(3N)POLYGON?)
S3	42832370	NUMBER? OR ALPHA()NUMER? OR SHAPE?? OR LINE?? OR CIRCLE?? OR SQUARE?? OR CURVE?? OR TEXT?? OR SYMBOL?? OR ATTRIBUTE?? OR ELLIPSE?? OR OBJECT?? OR IMAGE?? OR GRAPH OR IMAGING OR PICTURE?? OR PHOTO OR PHOTOS OR PHOTOGRAPH?? OR JPEG OR GIF OR LOGO?? OR ICON?
S4	3179	AU=(WENGER, J? OR WENGER J? OR POSTNIKOV, A? OR POSTNIKOV A? OR ANDERSON, E? OR ANDERSON E? OR ETHERINGTON, T? OR ETHERINGTON T?)
S5	11744234	VEHICLE?? OR AUTO?? OR AUTOMOBILE?? OR CAR OR TRUCK OR SUV OR PLANE?? OR AIRPLANE?? OR HELICOPTER?? OR JET??
S6	97	S1(3N)S2
S7	2	S6(3N)S3
S8	7	S6(3N)S5
S9	6	S8 NOT S7
S10	6	RD (unique items)
S11	3580	S2(3N)S5
S12	21	((ACTUAL OR RELATIVE)(3N)(SPEED OR VELOCITY))(3N)(ICON OR INDICATOR? OR CUE??)
S13	21	S12 NOT PY>2003
S14	1	S13 AND S11
S15	0	S12 AND S1
S16	0	S12 AND S4
S17	2	S12 AND S5
S18	1	S17 NOT (S7 OR S10 OR S14)
S19	19	S12 NOT (S7 OR S10 OR S17)
S20	12	RD (unique items)

7/3,K/1 (Item 1 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter

44283043 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Luxury SUV with sports car styling
Benedict Maaga
BUSINESS DAY (SOUTH AFRICA), p2
September 01, 2005
JOURNAL CODE: FBUD LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 538

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... driver if the car is in danger of overturning. The GPS-linked speedometer uses the **navigation system** to **display** a recommended vehicle **speed** .
In **line** with moves for more environmentally friendly cars, the Renault Egeus is powered by a 3...

7/3,K/2 (Item 1 from file: 160)
DIALOG(R)File 160:Gale Group PROMT(R)

01518164
MOTOROLA ANNOUNCES A SECOND 56-BIT GENERAL PURPOSE DIGITAL SIGNAL PROCESSOR, THE DSP56001.
NEWS RELEASE September 30, 1986 p. 11

... applications. Applications for the DPS56001 range from communications and speech applications to applications in high **speed control** , industrial, **instrumentation** , **image** , **navigation** , and audio areas.

10/3,K/1 (Item 1 from file: 9)
DIALOG(R)File 9:Business & Industry(R)

01777063 Supplier Number: 24570689 (USE FORMAT 7 OR 9 FOR FULLTEXT)
NEC CORP DEVELOP FASTER GRAPHIC SYSTEMS CHIP FOR AUTOS
(NEC Corp develops a graphics system chip that makes the display speed **of a** car navigation system **10 times faster than that of other graphics chips)**
AsiaPulse News, p N/A
March 04, 1999
DOCUMENT TYPE: Custom Wire (Southern & Eastern Asia)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 89

(NEC Corp develops a graphics system chip that makes the display speed **of a** car navigation system **10 times faster than that of other graphics chips)**

10/3,K/2 (Item 2 from file: 9)
DIALOG(R)File 9:Business & Industry(R)

01122805 Supplier Number: 23728441
Stanley Develops CHS LCD For Car Navigation
(Stanley Electric introduces 5.7-inch color-super homeotropic LCD for use in car navigation systems)
Asia-Pacific Automotive Report, p 29
December 05, 1996
DOCUMENT TYPE: Journal (Japan)
LANGUAGE: English RECORD TYPE: Abstract

ABSTRACT:
...5.7-in colour-super homeotropic (CSH) LCD which has been developed for use in **car navigation systems** . The new **display** offers a response **speed** of 80 ms, which is four times faster than STN LCDs, although the image quality...

10/3,K/3 (Item 1 from file: 80)
DIALOG(R)File 80:TGG Aerospace/Def.Mkts(R)

01219161 Supplier Number: 41467838
Tiger-Prototyp ist im Bau
Soldat und Technik, p562
August, 1990
Language: English Record Type: Abstract
Document Type: Magazine/Journal; Trade

PRODUCT NAMES: *3721141 (Attack Helicopters); 3724112 (**Helicopter** Engines); 3811111 (Air **Speed Indicators**); 3662440 (Aircraft **Navigation Systems** & Displays)

10/3,K/4 (Item 2 from file: 80)
DIALOG(R)File 80:TGG Aerospace/Def.Mkts(R)

01090219 Supplier Number: 39768302
Product Update: 'Superteam' to develop the LHX
Asian Defence Journal, p133
June, 1986
Language: English Record Type: Abstract
Document Type: Magazine/Journal; Trade

PRODUCT NAMES: *3721140 (Military **Helicopters**); 3662440 (Aircraft **Navigation Systems** & **Displays**); 3674111 (Very-High- **Speed** ICs); 3811150 (Aircraft **Displays**); 3662510 (Electro-Optical Surveillnc, Display Eqp)

10/3,K/5 (Item 1 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB

05567654 SUPPLIER NUMBER: 11632577 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Advanced sensors boost control capabilities. (Technology Update: Electrical Components)
Grace, Roger H.
Power Transmission Design, v33, n11, p56(2)
Nov, 1991
ISSN: 0032-6070 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 920 LINE COUNT: 00083

... This technology is used in machine safety shutoffs, material-handling systems, machine-tool positioning and **speed - control systems** , automated-guided- **vehicle navi**gation systems , and proximity-switch triggers. Researchers are developing intelligent versions that will perform logic functions.
Microwave...

10/3,K/6 (Item 1 from file: 608)
DIALOG(R)File 608:KR/T Bus.News.

577656 Story Number: 9572 (USE FORMAT 7 OR 9 FOR FULLTEXT)
ENGINEERS WORK AT `HUMAN FACTORS' TO IMPROVE CAR SAFETY
Henry J. Holcomb
Philadelphia Inquirer
Jul 16, 1997 20:09 E.T.
DOCUMENT TYPE: Newspaper RECORD TYPE: Fulltext LANGUAGE: English
WORD COUNT: 1848

...TEXT: now help the Mars rover do its work will, when linked by computer to radar, **speed** sensors, road-condition **monitors** and **navigation devices** , help your **car** detect hazards.
Human-factors engineers are trying to make sure those devices are designed and...

14/3,K/1 (Item 1 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB

02472470 SUPPLIER NUMBER: 04044046 (USE FORMAT 7 OR 9 FOR FULL TEXT)
'86 RX-7: Mazda gilds the lily.
Ealey, Lance
Automotive Industries, v165, p48(2)
Dec, 1985
ISSN: 0273-656X LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 1149 LINE COUNT: 00087

... assist power steering systems today, which simply adjust steering assist to engine/power steering pump **speed** , Mazda's system **cues** from **actual** vehicle **speed** and cornering force. The electronically- **controlled** system senses **vehicle speed** and hydraulic steering pressure constantly, and steering angle every 0.3 seconds. The system electronic...

18/3,K/1 (Item 1 from file: 80)
DIALOG(R)File 80:TGG Aerospace/Def.Mkts(R)

01079133 Supplier Number: 39689530
CIVIL AVIATION: FAA PHASE III APPROVAL FOR NOVOVIEW AP3T
Aerospace & Defence Technology, n333, p3
Feb 5, 1986
Language: English Record Type: Abstract
Document Type: Magazine/Journal; Trade

ABSTRACT:
...the Novoview has 2-D hardware texture, which gives greater overall scene realism and recreates **actual** height and **speed cues** encountered by pilots during flight. Northwest is the world's largest Phase III operator, and...
PRODUCT NAMES: *3662651 (Image Generators); 3721332 (Commercial 2-Engine **Jets**)
TRADE NAMES: IMAGE GENERATORS; COMMERCIAL 2-ENGINE **JETS** ; NOVOVIEW SP-3T;

20/3,K/1 (Item 1 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)

00746975 93-96196
The world of benchmarks
Anonymous
Capacity Management Review v21n7 PP: 9, 12 Jul 1993
ISSN: 0091-7206 JRNL CODE: PPR
WORD COUNT: 895

...TEXT: Performance Reference(TM)" (LSPR) discussed below.

Actually, MIPS probably isn't all that bad an **indicator** of **relative** CPU **speed** within a single product architecture. By architecture, we mean primarily the instruction set, which translates...

20/3,K/2 (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

10848586 Supplier Number: 110277618 (USE FORMAT 7 FOR FULLTEXT)
Cray Inc. Reports Cray X1 Supercomputer Processors Are Most Powerful on 'Top500' List.
Business Wire, p5870
Nov 18, 2003
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 650

... The HPC user community is developing multiple standard tests that are expected to be better **indicators** than Linpack of **actual** **speed** on real applications, Rottsolk said.
He said seven smaller Cray X1 systems also made the...

20/3,K/3 (Item 1 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter

29115065 (USE FORMAT 7 OR 9 FOR FULLTEXT)
The real cost of spam
Infrastructure upgrades are needed to accommodate the ever-growing amount of spam
James Hein
BANGKOK POST
May 14, 2003
JOURNAL CODE: FBKP LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 1143

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... to the memory components on the motherboard.
Remember that AMD's numbering convention is an **indicator** of the **relative** **speed** of their processors when compared with a comparable Intel CPU...

20/3,K/4 (Item 1 from file: 47)

DIALOG(R)File 47:Gale Group Magazine DB(TM)
(c) 2005 The Gale group. All rts. reserv.

04274257 SUPPLIER NUMBER: 17087342 (USE FORMAT 7 OR 9 FOR FULL TEXT)
A proliferation of processors. (Intel x86 and compatible CPUs) (The Perfect PC) (Cover Story) (Buyers Guide)
Clyman, John
PC Magazine, v14, n13, p154(1)
July, 1995
DOCUMENT TYPE: Cover Story Buyers Guide ISSN: 0888-8507
LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 407 LINE COUNT: 00032

CPU clock **speed** is a **relative indicator** of performance within a given processor family, although design differences mean that not all identically...

20/3,K/5 (Item 2 from file: 47)
DIALOG(R)File 47:Gale Group Magazine DB(TM)
(c) 2005 The Gale group. All rts. reserv.

03531710 SUPPLIER NUMBER: 10656378
Optical outlook. (erasable optical drives) (includes related articles on future trends and multifunction optical drives) (buyers guide)
Seiter, Charles
Macworld, v8, n6, p138(8)
June, 1991
DOCUMENT TYPE: buyers guide ISSN: 0741-8647 LANGUAGE: ENGLISH
RECORD TYPE: ABSTRACT

...ABSTRACT: the difference is only noticeable on higher-end Macs. File-transfer figures are a better **indicator** of **actual** usable **speed** than raw access times. Magneto-optical technology allows interactive archiving, and 'jukebox' systems provide massive...

20/3,K/6 (Item 1 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2005 The Gale Group. All rts. reserv.

08664301 SUPPLIER NUMBER: 18251261 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Comparing mechanical variable speed drives.
Miller, Gary K.
Plant Engineering, v50, n3, p92(3)
March, 1996
ISSN: 0032-082X LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 1451 LINE COUNT: 00119

... the speed range or lock in an optimal speed. Handwheels are often available with speed **indicator** dials showing the **relative speed** of the drive.
Electric remote control motors are used and can be supplied with analog...

20/3,K/7 (Item 2 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2005 The Gale Group. All rts. reserv.

05457137 SUPPLIER NUMBER: 11296005 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Learning styles have an impact on computer-based training. (includes related article on Northern Telecom's use of computer-based training) (Feature Report: Education and Training)
Fauley, Franz
Computing Canada, v17, n18, p34(1)
Sept 2, 1991
ISSN: 0319-0161 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 887 LINE COUNT: 00074

... that didn't need professional programmers.
Instead, instructors learn to develop the programs. Authorware's **icon** structure and capabilities **speed** up the **actual** creation time and greatly reduce the entire development cycle by letting instructors create courseware in...

20/3,K/8 (Item 1 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)

01534486 SUPPLIER NUMBER: 12534326 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Rated PPM usually exceeds real-world results. (laser printer page-per-minute estimations) (Hardware Buyer's Guide: Low-Cost Lasers; Comparative Analyses; includes related article on buying tips)
O'Brien, Bill
PC Sources, v3, n9, p458(4)
Sept, 1992
ISSN: 1052-6579 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 1559 LINE COUNT: 00117

... printer uses to interpret the instructions it receives. The timing differences that appear between rated **speed** and **actual** printing **speed** are **indicators** of how quickly things are happening in the controller. And things happen much differently between...

20/3,K/9 (Item 1 from file: 484)
DIALOG(R)File 484:Periodical Abs Plustext

06185384 SUPPLIER NUMBER: 355048121 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Neck range of motion and use of computer head controls
LoPresti, Edmund F; Brienza, David M; Angelo, Jennifer; Gilbertson, Lars
Journal of Rehabilitation Research & Development (PJHB), v40 n3, p199-211
May/Jun 2003
ISSN: 0748-7711 JOURNAL CODE: PJHB
DOCUMENT TYPE: Feature
LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 7363

TEXT:
... without disabilities (i.e., movement time greater than 2.10 s). The Bayesian model predicted **actual** **icon** acquisition and **speed** problems based on this definition of nonoptimal movements with an accuracy of 94.0 percent...to a definition of nonoptimal movements using overall selection time and accuracy. The model predicted **actual** **icon** acquisition and **speed** problems with an accuracy of 94.0% and [kappa] = 0.81. A model predicting difficulty...

20/3,K/10 (Item 2 from file: 484)
DIALOG(R)File 484:Periodical Abs Plustext

03205866 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Strike indicators
Leeson, Ted
Field & Stream (South Edition) (GFNS), v101 n12, p115, p.1
Apr 1997
ISSN: 8755-8602 JOURNAL CODE: GFNS
DOCUMENT TYPE: Feature
LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 394

...ABSTRACT: sleeve--are described. Regardless of the type, fly fishermen should observe the drift of the **indicator relative** to current **speed** .
TEXT:
... nymphs.
REGARDLESS OF THE INDICATOR TYPE, THERE IS ONE rule: observe the drift of the **indicator relative** to current **speed** . If it does anything unnatural-dives underwater, stops, pauses, hesitates, twitches, darts sideways, or even...

20/3,K/11 (Item 3 from file: 484)
DIALOG(R)File 484:Periodical Abs Plustext

03205865 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Fishing in the third dimension
Leeson, Ted
Field & Stream (South Edition) (GFNS), v101 n12, p114-116, p.3
Apr 1997
ISSN: 8755-8602 JOURNAL CODE: GFNS
DOCUMENT TYPE: Feature
LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 2319

TEXT:
... nymphs.
REGARDLESS OF THE INDICATOR TYPE, THERE IS ONE rule: observe the drift of the **indicator relative** to current **speed** . If it does anything unnatural-dives underwater, stops, pauses, hesitates, twitches, darts sideways, or even...

20/3,K/12 (Item 1 from file: 624)
DIALOG(R)File 624:McGraw-Hill Publications

0125385
Deadline for T/CAS Installation May Be Extended to 1992 or 1993
Aviation Week & Space Technology, Vol. 130, No. 21, Pg 109
May 22, 1989
JOURNAL CODE: AW
SECTION HEADING: Air Transport ISSN: 0005-2175
WORD COUNT: 854

SPECIAL FEATURE:

... 2 display for aircraft with no digital color radar display can be substituted for vertical **speed indicator** to show **relative** bearing and altitude of threat aircraft.